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The STORRS & HARRISON Co.

DIAMOND JUBILEE

Painesville Nurseries
Painesville, Ohio

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U. S. Department of Agriculture.

Jubilee
Shrub Collection

Four new and *different* shrubs noted for beauty of flower and foliage.

(1)	French Lilac, 2 ft. up.....	$1.00
(2)	Philadelphus Virginal, 2 ft. up.	.90
(3)	Butterfly Bush, 2 yr.	.50
(4)	Red-Leaf Barberry, 2 yr.....	.90
		$3.30

ONE each of these four choice shrubs

POSTPAID

for

$3.00

75th Anniversary Catalog — *Spring-1929*

1
2
3
4
5
Jubilee
Rose Offer
of five novelty Roses. Extra quality, extra fine. Do not confuse these with the ordinary type.
(1) John C. Mensing.....$1.25
(2) Souv. de C. Pernet..... 1.00
(3) Chas. K. Douglas..... 1.25
(4) Betty Uprichard..... 1.00
(5) Wilhelm Kordes..... 1.25
Catalog Price, $5.75
One each of these five NEW ROSES, 2 year field grown stock.
MAILED FREE FOR $4.75
Diamond Jubilee
1854
1929
75th Anniversary

The Storrs & Harrison Co., PAINESVILLE, OHIO

1854—*75th Anniversary Jubilee*—1929

Cash Coupon

ONE TO A CUSTOMER

VOID JUNE 1st, 1929

25 CTS.

Good for 25 cents with remittance on order for $3.00 to $7.00.

APPLIES TO OUR

Good for 60 cents with remittance on order for $7.00 or more.

ENTIRE CATALOG

60 CTS.

The S. & H. Diamond Jubilee

A PAGE OF PERSONALITIES

1854 1929

AS A growing business organization with a creditable past, it is only befitting and right, in this seventy-fifth anniversary introduction, that we who are the present managers should pay tribute to our founders, and those other sturdy souls whose devoted efforts have linked us with that past.

In 1854, Jesse Storrs and J. J. Harrison, were the pioneers of this concern, and in fact, of the nursery business of the middle west. William Storrs and Willis Storrs contributed their shares in succession, and have passed on to their rewards. The Harrison succession is still represented by the son of the original founder, who writes these lines. During a period of years, and until recently, Robert George and his son, E. B. George, held prominent positions as production managers. John H. Dayton, as office and sales manager, became nationally eminent and is much quoted among the nursery fraternity for his foresight and sound business principles. Today, there is new blood in our directorate, fresh knowledge and modern ideals; but we still cling to the traditions and policies of the old regime, among which we were reared.

Greater than the accumulation of acres, more valued than amassed thousands of established customers, is our heritage of good repute, and our allegiance to that "golden rule" which was the cornerstone of our founding, the inspiration of our past, the sacred charge of our present, and the promise for our future.

But *your* interest is in the present.

Here Is What We Have Planned

The people who have been buying our produce, have helped develop our business, and have contributed toward our success. We are very grateful. We want to express our appreciation in some special way, this Diamond Jubilee Year. Never before have we had such an immense up-to-date stock in every department, from our 1500 fertile acres and numerous greenhouses. From this stock we have selected attractive items, priced especially low to constitute our Jubilee Offers. In each case the size and quality is preserved, only the price is cut.

Our Finest Catalog

Our catalog this year is without doubt the finest one we have ever issued. In it are many helpful suggestions. Its pages are the counters of the leading departmental nursery of America; replete with dependable products, reliably described. Shop to your heart's content. Our policy for seventy-five years has been, and will continue to be, to provide the finest quality at moderate prices. Our old customers know and appreciate this; we trust our prospective customers will also learn it from experience. Thoughtful buyers realize that plants and seeds of honest good quality are the best and cheapest in the long run.

Our Landscape Booklet

We are not in the landscaping business, except as producers of splendid planting material. Nevertheless, we have many requests for landscape information, advice, and just a little help. We desire earnestly to serve our patrons in all possible ways, so have prepared for your use a small book on Home Landscaping, which will give you valuable information. If that fails, one of our experienced members is assigned specially to iron out your difficulties, if possible by correspondence.

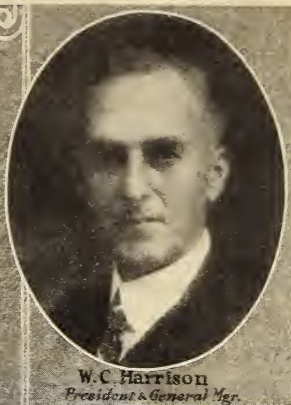
In Conclusion

For just once we are going to forego modesty by displaying a 1929 page of our family album, thus introducing to you the active managers of our organization. It would take many pages more to introduce our loyal and faithful employees, many of whom have been with us a quarter of a century or more. We acknowledge their important part in our 75 years of development, and the future service we pledge you.

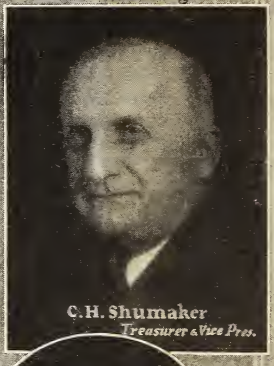
Soliciting your continued patronage and friendship, we are,
Faithfully yours,

THE STORRS & HARRISON CO.

By W. C. Harrison Pres.

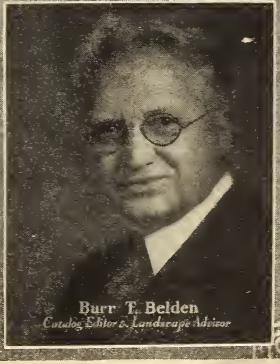


W. C. Harrison
President & General Mgr.



C. H. Shumaker
Treasurer & Vice Pres.

Howard S. Chard
Secretary & Sales Mgr.



Burr T. Belden
Catalog Editor & Landscape Advisor

YOUR PURCHASES *are safeguarded by 75 years Experience—*

THE FLOWERS of 1854 were the old favorites of grandmother's garden. Vegetables and fruits were grown almost entirely for home consumption. The sources of good plant stocks and seeds were few and far between. In that entirely different age, the founders of this Company embarked on a new adventure. But then, just as now, the demand was for good seeds and plants of dependable quality.

With the founding of this company the policy of Highest Quality and Square Dealing was established. Little by little the business grew, customers came and found they could buy with confidence. From this little acorn of business a mighty oak has grown, and like the oak its fundamental structure has remained the same.

FREE DELIVERY
of Everything OFFERED BY MAIL

There is no fuss or trouble connected with ordering mail size shipments—no zones to figure, no extra postage money to send, for we pay the postage to any Post Office in the United States or on any mail size article offered in this catalog. This is a saving of time and trouble for you and is part of our service to you.

What S. & H. Quality Means

For seventy-five years the "S. & H." standard of quality has been steadily maintained. It goes into every order we fill. Now, as a leading departmental nursery in America, we can justly claim this standard as established and accepted. It is this proverbial "S. & H." Quality in every line which makes our merchandise different and justifies the moderate prices we ask.

Buy To Save

In this catalog practically everything that anyone would want in the territory we serve is listed and described. This is a big advantage and convenience to buyers. Only one order need be made out, and in most cases it needs but one shipment — shipment being made according to the class of goods, and only at the proper time.

It does not pay to move perishable goods from a far distant point. Painesville is the logical place for home owners and gardeners of the central states to buy; our stock is grown right in the fertile Ohio region, the stock is acclimated to this region, and consequently will do better than that grown in a less hardy climate. From Storrs & Harrison you can get quick delivery at a comparatively low cost of transportation.

We Guarantee Satisfaction

It has always been a policy of the Storrs & Harrison Company to satisfy all just claims of customers. Our merchandise must be just as represented. We guarantee to maintain our reputation for delivering stock of highest quality and dependability at all times and to satisfy you entirely in this respect.

The S. & H. Co. Nurseries, Seed Houses, Office and Greenhouses viewed from the air, showing Lake Erie in the distance. It has taken seventy-five years to develop this 1,500 acre institution.

QUICK DELIVERY—*At Just the Right Time*

JUST as early as shipping can commence we work hundreds of men, overtime when necessary, to avoid delay for customers. Our main line railroad connections facilitate fast transportation. If your order is received early, your shipment will go out to reach you at the proper season for planting.

ORDERING INSTRUCTIONS

WHEN TO ORDER. As soon as this catalog reaches you, send in your complete order for seeds, plants and trees, with definite shipping instructions which we will follow as closely as possible. By ordering early, we are enabled to assemble possibly all of your list while supply is unbroken and "set it aside" awaiting desired, or proper, shipping time.

HOW TO ORDER. Please use order sheet found in rear part of this catalog, carefully filling in blank spaces and enclosing payment for full amount of order. Write very plainly or print name, post office, county, state, street and house number or R. F. D. where you get your mail; with explicit directions if stock is to be shipped to some other town. To avoid mistakes do not write letters on same sheets as orders.

REMITTANCES should be made by post office or express money order, bank draft or registered letter. Remittances in any other way are entirely at sender's risk.

ORDERS LESS THAN $1. We cannot afford to fill orders of less amount than one dollar, unless, in addition to amount for plants wanted, ten cents is sent. This does not apply to Seed orders.

SUBSTITUTION. We reserve the right in case we are out of a variety, to substitute another of equal merit when it can be done (always labeling with correct name)— unless the party ordering says "No Substituting," in which case we will fill order as completely as we can, and refund balance of remittance.

TERMS: Net cash with order. No discounts allowed. POSTPAID BY MAIL. We deliver postpaid to any post office in the United States, any article in this catalog offered by mail. BY EXPRESS OR FREIGHT charges are not prepaid, but are collectible at destination. In the various classes, we will furnish 5 or more of one variety and size at 10 rates; 6 or more at dozen rates; 25 or more at 100 rates; 250 or more at 1000 rate if quoted.

Our Guarantee

All goods are guaranteed to reach you in good condition; mistakes, if made, will be promptly rectified. Accept shipment, examine and count on receipt and notify us at once should there be any errors, and the carrier as well, if any damaged stock. This guarantee not good unless above requirements are complied with. We do not guarantee continued growth. Remember, a tree, shrub or plant is a living organism, as much as a cow, horse or man. It breathes, drinks and feeds, and is liable to attacks of disease and insects. At prices we sell, it is impossible for us to guarantee growth or to be responsible for stock after delivery to our customers in good condition.

THE STORRS & HARRISON CO.
Painesville, Ohio

NON-WARRANTY. While we hold ourselves in readiness, on proper proof, to replace free of charge all trees, etc., that may prove untrue to label, or refund the amount paid, we give no warranty expressed or implied as to description, quality, productiveness or any other matter of any Nursery stock, seeds, bulbs or plants we sell.

(Signed) THE STORRS & HARRISON CO.

When and How We Ship

POSTPAID BY MAIL. We deliver postpaid to any post office in the United States any article in this catalog offered by mail.

EXPRESS PREFERABLE. We do not prepay express charges. Where distance is not too great it is best to order by express; stronger stock in better condition can be sent, and if goods are miscarried or damaged, they can be more easily traced and damage rectified.

OUR SEED, PLANT and TREE DEPARTMENTS are entirely separate. Many customers prefer having their seeds shipped very early, their bedding plants late, with the fruit and ornamental section in season between. Even when this arrangement is not specified, we sometimes thus exercise our discretion, for the customer's best interests.

Potted Plants, Bulbs and Roses

SHIPMENT BY MAIL. To reduce weight and volume, all pot plants are shipped without pots, and with most of the dirt knocked off. Various kinds of plants cannot be safely mailed and are specially excepted following their descriptions. Mail service is generally prompt and satisfactory for any distance if weight is not too great to allow sufficient packing for preservation of the stock.

SHIPMENT BY EXPRESS. The heavier plants are selected; nearly all the soil is retained, adequate packing material used and substantial cases or containers are furnished free—on deliveries by express. In many cases a special and lower price is quoted for express orders.

NO POT PLANTS BY FREIGHT. The slowness and uncertainty of freight service make its use very impracticable and unsafe for all tender plants and perennials. If such stock is ordered shipped in this way, customer must assume entire risk of loss or damage.

Trees, Shrubs, Fruits and Evergreens

SEASON OF SHIPPING. Orders for plants from the nursery will be shipped at the proper time for handling as soon as possible after order is received.

LATE SHIPMENTS. Our land is cooled and vegetation kept dormant by proximity to Lake Erie several weeks later than other sections of corresponding latitude. This enables us to dig and ship stock in perfect condition after trees in most other sections are in full leaf, and to supply the slowly warming points further north.

BY FREIGHT OR EXPRESS. Every article not specially priced "Mail size" is priced for delivery by Freight or Express, packed free, but customer to pay transportation charges. All heavy trees in large quantities should be sent by freight if time is not too urgent, as the carrying charge is much less; and our perfect packing admits a long journey without injury to the trees. Strawberry plants, however, are perishable and must be delivered in quickest time possible. We never ship them by freight.

BY MAIL. Mail Size stock sent postpaid as noted above.

Celebrating Our 75th Anniversary by Offering The FINEST STOCK of HARDY SHRUBS We HAVE EVER GROWN

OUR HOMES become homes in the true sense, only when they are planted. Ornamental shrubs are the foundation of all landscape plantings. We offer a wide selection of varieties to beautify your home and garden.

In the shrub section the heights to which the different varieties grow are given. A few carefully arranged foundation plantings are also worked out to give a selection of a complete planting for your home. These plans are adaptable to most any house.

PLANTING. As soon as your shipment arrives, open up to verify stock, then heel-in somewhere in shaded, moist soil. Take out a few at a time to location. Dig holes large and deep enough to receive the roots without cramping; sift fine dirt throughout the network of fibrous roots; fill up, tamp solid, leaving no fissures. Soak thoroughly and rake the surface level.

MAINTENANCE. Thereafter, make sure there is sufficient soil moisture. Keep ground cultivated and free from weeds, preserving a straight clean edge.

Pruning in the dormant stage is not injurious to the plant and often easier to accomplish, but, as a result, the spring bloom is not as abundant. The ideal time to prune shrubs that blossom **along their stems** is just after the blooming period.

All Shrubs are Priced by Freight or Express, Except Where Specially Stated "Mail Size."
5 furnished at ten rate; 25 at hundred rate; 250 at thousand rate if listed.

ABELIA GRANDIFLORA. An attractive dwarf shrub, suitable for a sunny, sheltered position anywhere the winters are not extreme; with small shiny foliage which is almost evergreen. The flowers are small, but very pretty and numerous, in loose terminal panicles; color, white flushed with pink. This shrub is rarely without some bloom from June into November.
1½ to 2 feet— 75 cts. each; $7.00 per 10.
2 to 3 feet— 95 cts. each; 9.00 per 10.

Double "Rose of Sharon"

ALMOND. Early spring flowering shrubs, gaily in full bloom before the leaves appear, with beautiful double flowers of rose or white, snuggling tight to the twigs.

—Double White, and Double Pink.
1½ to 2 feet—70 cts. each; $6.00 per 10.
2 to 3 feet—85 cts. each; 7.50 per 10.

ALTHEA. (Rose of Sharon.) Blooms late in August and September, with a profusion of large and brightly colored flowers much like the tender Hibiscus in form. These are the color spots of fall, as Lilacs and Weigelas are of spring. The late appearing foliage is extra good and valuable for its beauty alone. Grown in standard form, they attain 10 to 12 feet in height and make attractive specimens. Planted more compactly and occasionally pruned, they are both serviceable and showy as hedges. Should not be planted in very cold northern sections.

—Double Rose, Double White, Double Purple.

—Double Red.
2 to 3 feet—60 cts. each; $5.00 per 10
3 to 4 feet—75 cts. each; 6.50 per 10.

—Single White.—2 to 3 feet—60 cts. each; $5.00 per 10.

—Variegated Leaved. This is one of the handsomest variegated leaved shrubs that grows. The Althea foliage is always attractive; but nothing else can equal its charm when broadly blotched and banded with cream and silver.
1½ to 2 feet—85 cts. each; $7.50 per 10.

—Tree Shaped, Double. Headed up in tree form for use as solitary specimens; or in groups, with dwarfed shrubs beneath the spreading top. **Pink, Purple, Red** or **White.**
3 to 4 feet—$0.85 each; $7.50 per 10.
4 to 5 feet— 1.00 each; 9.00 per 10.

AMORPHA FRUTICOSA. Grows 6 to 10 feet high, in large spreading bush form, with bright green leaves in pinnate arrangement; flowers deep violet blue, in June.
2 to 3 feet—60 cts. each; $5.00 per 10.
3 to 4 feet—75 cts. each; 6.50 per 10.

ARALIA PENTAPHYLLA. Long, slender, gracefully arching branches and bright green, compound foliage. Makes a small tree in time, especially attractive on rocky slopes. Greenish white flowers in long umbels. Valuable for its intense green foliage among the autumn coloring of other shrubs.
2 to 3 feet—60 cts. each; $5.00 per 10.
3 to 4 feet—70 cts. each; 6.00 per 10.

ARONIA. (Chokeberry.) Attractive, perfectly hardy shrubs preferring moist locations, but equally good in dry soil. Leaves are smooth, pale green, coloring vividly to red in fall. Flowers are a tinted white in numerous small corymbs, succeeded by conspicuous, persistent berry-like fruits.

—Arbutifolia. Upright, 6 to 10 feet; very pretty in April and May with an abundance of white flowers; its red fall fruits carrying well into winter.
1½ to 2 feet—80 cts. each; $7.00 per 10.
2 to 3 feet—95 cts. each; 8.50 per 10.

BARBERRY [Berberis]

Red Leaved Barberry. (Berberis Thunbergi **Atropurpurea**).

A highly important introduction among shrubs, giving us for the first time a practical easily grown shrub of medium height, with good, distinctly red foliage. This must prove a boon to all types of landscaping, where studied contrasts are to be worked out with the shrub foliage depended on for colors. Atropurpurea is an exact reproduction of Thunbergi in every way—habit, leaf-formation and fruiting, but—whereas the original is a deep green from spring until fall, this variety starts off in its first foliage a warm bronzy red; the heat of summer intensifying its red brilliancy; autumn adding other tints to its richness. The abundant scarlet berries persist throughout the winter along the spiny twigs. A sunny exposure is necessary to bring out and retain its full red color. Illustrated on front cover.

1 yr.—$0.70 each; $ 6.00 per 10; $ 50.00 per 100.
2 yr.— .90 each; 8.00 per 10; 75.00 per 100.
3 yr.— 1.65 each; 15.00 per 10; 125.00 per 100.
Mail size, 50 cts. each; $4.00 per 10.

Japan Barberry. (Berberis **Thunbergi.**) There is no shrub in existence so generally planted or more practical for all purposes where beautiful foliage effect is desired than this. It is dwarf growing, uniformly bushy and rounded in form, susceptible to formal pruning, with small, numerous leaves densely covering the thorny twigs. These give it paramount importance for use as a filler, and edging for shrubbery groups; as a foundation screen in front of porches; and, above all, as a compact, impassable, hardy, low hedge for confining lawns or dividing properties. Although variable in accordance with seasonable conditions, the autumn foliage is scarlet or bronze, and the branches studded with crimson fruits.

	Per 10	Per 100	Per 1,000
15 to 18 inches	$2.00	$15.00	$130.00
18 to 24 inches	3.00	25.00	200.00
24 to 30 inches	4.00	35.00	300.00
Mail size	1.50	12.00	.....

Box-Barberry. (Berberis **Thunbergi Minor.**) Modified Thunbergi type, inheriting the barberry hardiness, and in every other way desirable like its parent; but with foliage so round and dense, and growth so evenly compact, it bears a striking resemblance to Boxwood. Slower and lower growing than Thunbergi, its density allows closer trimming; so that—again like Boxwood—sheared specimens may be trained into perfect globes or pyramids, as well as the cropped hedge.

2 yr. 10 to 12 in.—60 cts.; $5.00 per 10; $45 per 100.

Japan Barberry

PLANTING SUGGESTIONS

Foundation Plan No. 1

Key	No.	Name	Catalog Price
A	2	Pyramidal Arborvitae, 2½ to 3 feet	$ 9.00
B	4	Regels Privet, 18-24 inches	1.20
C	1	Phila. Virginalis, 2 to 3 feet	.90
D	1	Forsythia Intermedia, 2 to 3 feet	.50
E	5	Spirea A. Waterer, 15-18 inches	2.25
F	3	Spirea Van Houtte, 3 to 4 feet	1.80
G	2	Spirea Froebeli, 2 to 2½ feet	1.50
H	1	Hydrangea A. G., 2 to 3 feet	.75
I	2	Hydrangea P. G., 18-24 inches	1.30
J	2	Deutzia Lemoine, 2 to 2½ feet	1.40
K	1	Deutzia Crenata fl. pl., 2 to 3 feet	.60
L	1	Weigela Eva Rathke	.70
M	5	Japanese Barberry, 18-24 inches	1.50
N	2	Desmodium, 2 year	1.20
O	1	Silver Lace Vine	.80

Regular value $25.40

Our Special Jubilee Price **$23.00** *By Express, Not Prepaid*

SHRUBS FOR LOW FOUNDATIONS

Spirea, Several	Snowberry
Japanese Barberry	Hydrangea
Coralberry	Deutzia

SHRUBS FOR SHADY LOCATIONS

Van Houtte Spirea	Honeysuckles
Japanese Barberry	Golden Bell
Snowberry	Privets
Coralberry	Deutzias
Hydrangea	Mock Orange

SHRUBS WITH ATTRACTIVE BERRIES

Barberry	Viburnums	Coralberry
Cotoneasters	Elders	Snowberry
Honeysuckles	Privets	Ilex

BUDDLEIA ("Butterfly Bush," "Summer Lilac"). Of quick bushy growth; when the lovely bloomspikes appear in July, the shrub, which had probably died down nearly to the ground during winter, is now a perfect, well-balanced specimen of about 5 feet; radiating a delightful perfume and glowing with the tints of the Spring Lilacs.

—**Magnifica.** This variety is one of the hardiest for all sections. Flower spikes 10 inches in length by 3 inches in diameter are not unusual. Color deep violet-rose, with a pronounced orange center; the margins of petals neatly reflexed.
2 yr., 50 cts.; $4.00 per 10; $35.00 per 100.
1 yr. mail size, 25 cts.; $2.50 per doz.

—**Farquhari.** Rather dwarf, compact growth; with numerous medium sized flower spikes, rich lilac purple. (See illustration on front cover.)
2 yr., 50 cts.; $4.00 per 10; $35.00 per 100.
1 yr. mail size, 25 cts.; $2.50 per doz.

CALLICARPA PURPUREA. (Beautyberry.) A pretty shrub from 1 to 4 feet high, more at home south of the Ohio, but practical in the North if given a sheltered position and winter protection. It blooms profusely during August with small axillary clusters of pink flowers, these followed by berry bunches colored a light violet. If top should freeze, young shoots will come up and flower and fruit the next season.
1½ to 2 feet—70 cts. each; $6.50 per 10.
2 to 2½ feet—80 cts. each; 7.00 per 10.

CALYCANTHUS. (Carolina All-spice.) A unique shrub growing upright to 6 feet, clothing its straight strong, reddish brown shoots with large glossy leaves, from the axils of which spring odd, double, spicily fragrant flowers of chocolate-red.
1½ to 2 feet—75 cts. each; $6.50 per 10.

CARYOPTERIS MASTACANTHUS. (Blue Spirea.) A fine shrubby border plant growing about 3 feet high; from September until frost, covered full length of the stems with attractive umbels of lavender blue. Not entirely hardy in the north and should be heavily protected.
2 year—45 cts. each; $4.00 per 10.

CEPHALANTHUS OCCIDENTALIS. (Button Bush.) Forms a dense rounded bush 4 to 6 feet high, especially adapted to damp locations; in July covered with large, fragrant, ball shaped greenish white flowers.
18 to 24 in.—60 cts. each; $5.00 per 10.
2 to 3 ft.—75 cts. each; 6.50 per 10.

Buddleia Magnifica

CLETHRA ALNIFOLIA. (Sweet Pepper Bush.) A handsome little shrub, delightfully fragrant in August and September when covered with long, showy wands of creamy white flowers. It is valuable for the front of the border, as it grows only 3 to 5 feet tall, and on account of its pleasing scent, is very popular beneath the house windows.
15 to 18 inches—75 cts. each; $6.50 per 10.
18 to 24 inches—85 cts. each; 7.50 per 10.

COLUTEA ARBORESCENS. (Bladder Senna.) Fast growing shrub attaining 15 feet in height, preferring a dry, sunny location. Foliage Acacia-like, flowers pea-shaped in long racemes, yellow and cinnabar-red, followed by red bladder-shaped seed pods.
2 to 3 feet—60 cts. each; $5.00 per 10.

Callicarpa Purpurea

CORNUS [Dogwood]

Mainly valuable for their brilliancy of bark and berries, and the handsome variegations of their foliage. All varieties do well in shade. The autumn fruits call in a welcome assemblage of birds; and the tangled mass of highly colored twigs enlivens the prevailing somberness of shrubbery in winter.

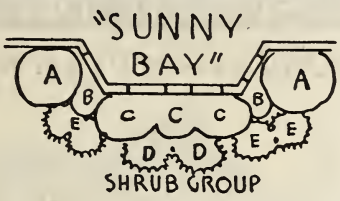
Elegantissima Variegata. Grows 8 to 10 feet high, with purplish red branches and beautiful silver variegated foliage. This is one of the choicest variegated leaved shrubs, capable of refined compact shape by pruning; of value both summer and winter.
2 to 3 feet—85 cts. each; $7.50 per 10.
3 to 4 feet—$1.00 each; 9.00 per 10.

Lutea. A striking yellow branched form of Stolonifera, very satisfactory for contrasting.
2 to 3 feet—60 cts. each; $5.00 per 10.

Paniculata. (Gray Dogwood.) Grows 6 to 15 feet, but usually compact; showing a profusion of good sized white flowers in June. Berries white, on noticeable red stems. Bark and underside of leaves gray.
2 to 3 feet—60 cts. each; $5.00 per 10.

Sericea. (Silky Dogwood.) Usually dwarf growing with silky leaves, and dense cymes of greenish white flowers in early summer. Bark purplish. fruits black.
3 to 4 feet—70 cts. each; $6.00 per 10.
4 to 5 feet—90 cts. each; 8.00 per 10.

JUBILEE PLAN No. 2



Key	No.		Catalog Price
A	2	Golden Syringa. 18 to 24 inches....	$1.80
B	2	Desmodium. 2 year.....	1.20
C	3	Deutzia Lemoinei. 18 to 24 inches...	1.80
D	2	Red Barberry. 1 year.....	1.40
E	4	Barberry Thunbergi. 15 to 18 inches.	.80
		Value, $7.00	

Complete Planting, 13 Plants in all
BY EXPRESS Not Prepaid **$6.00**

CORNUS—Contd

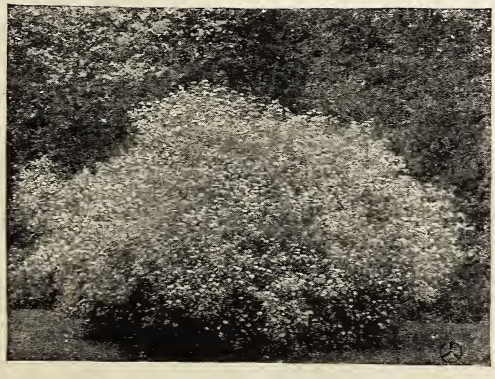
Sibirica. Grows 6 to 10 feet high, with clusters of fine white flowers, succeeded by a fall crop of ornamental berries; stem and branches blood red.
2 to 3 feet—55 cts. each; $4.50 per 10.
3 to 4 feet—70 cts. each; 6.00 per 10.
Mail size —30 cts. each; 3.00 per doz.

Spaethi Aurea. Leaves broadly margined yellow; of branchy, spreading habit.
2 to 3 feet—85 cts. each; $7.50 per 10.

Stolonifera. (Red Ozier Cornel.) Medium sized and spreading, dark red bark and white flowers, berries white.
2 to 3 feet—55 cts. each; $4.50 per 10.
3 to 4 feet—70 cts. each; 6.00 per 10.

Cydonia Japonica. (Japan Quince.) Very early in spring this fine old shrub is completely covered with dazzling scarlet flowers; followed by small, quince-shaped fruits which are quite fragrant. Growth bushy with protecting thorns.
1½ to 2 feet—60 cts. each; $5.00 per 10.
2 to 3 feet—75 cts. each; 6.50 per 10.

Desmodium Penduliflorum. (Lespedeza Sieboldi.) A fine half-shrub, the long canes of each season's growth usually winter-killed. The stools become stronger, throwing up more shoots and forming a thick shrub 3 to 5 feet high, in showy late summer bloom. Arched branches, and long, close, drooping racemes of purple-magenta flowers.
2 yr. plants—60 cts. each; $5.00 per 10.



Cornus Paniculata

Cornus Elegantissima Variegata

COTONEASTER

A class of handsome fruiting shrubs with brilliant autumn foliage and vivid fruits which adapt them to rockery and wall adornment, as well as to any usage in well drained soil with plenty of sunlight. **All field grown plants, shipped "balled and burlapped."**

Divaricata. (6 ft.) Oval, lustrous, fall crimsoning leaves. Fruits bright red.
2 to 3 ft.—$1.75 each; $16.50 per 10.
3 to 3½ ft.— 2.00 each; 19.00 per 10.

Horizontalis. Densely spreading, horizontal branches. Shiny oval leaves; persisting scarlet fruits.
15 to 18 inches—$2.00 each; $19.00 per 10.

Nitens. Related to Divaricata, and similar, with broadly oval lustrous leaves; but differing in the pendulous fruit which is purplish black.
1½ to 2 feet—$1.25 each; $11.50 per 10.

DEUTZIA

Deutzia Gracilis

Shrubs which vary considerably in height and habit, but bloom alike in dainty bell or tassel-shaped flowers, borne thickly in wreaths along their branches in May and June. The dwarf types do very well in semi-shade, the taller types are easily confined by pruning.

Candidissima. Double pure white flowers.

Crenata. Tall, distinct type; single white.

Crenata, fl. pl. Double white, tinged pink.

Above 3 Tall Sorts:

2 to 3 feet—60 cts.; $5.00 per 10.
3 to 4 feet—70 cts.; 6.00 per 10.

Eburnea. A strong growing, free-branching Crenata. The single flowers are large, white and produced in graceful clusters.
2 to 3 feet—70 cts. each; $6.00 per 10.
3 to 4 feet—85 cts. each; 7.50 per 10.

Gracilis. (Slender Branched). Dwarfest growing, dense, bushy; its drooping branches wreathed with pure white flowers in May. An excellent edging shrub, particularly attractive when studded with its covering crop of bead-like buds. Does very well in shade.
15 to 18 in.—50 cts. each; $4.00 per 10.
18 to 24 in.—65 cts. each; $5.50 per 10; $50.00 per 100.
Mail size—30 cts. each; $3.00 per dozen.

Lemoinei. Medium large flowers of pure white borne in cone-shaped heads. This is the principal intermediate variety between dwarf and tall growing types, attaining about 4 feet in height, and is useful in partial shade.
18 to 24 in.—60 cts. each; $5.00 per 10; $35.00 per 100.
24 to 30 in.—70 cts. each; 6.00 per 10; 45.00 per 100.
Mail size—35 cts. each; $3.50 per dozen.

Magnifica. Of the Crenata type, but noticeably condensed and more evenly rounded; erect panicles double flowered, a mass of pure white bloom in June. This is one of the handsomest and most conspicuous of all.
2 to 3 feet—80 cts. each; $7.00 per 10.

Deutzia Crenata Fl. Pl.

Diamond Jubilee Anniversary SPECIAL OFFER

FOUNDATION PLAN No. 3

Key	No.	Name	Catalog Price
A	2	Spirea Van Houtte, 3 to 4 feet	$ 1.20
B	6	Spirea Froebeli, 2 to 2½ feet	3.90
C	6	Spirea A. Waterer, 15 to 18 inches	2.70
D	2	Forsythia Intermedia, 3 to 4 feet	1.30
E	2	Weigelas, assorted, 2 to 3 feet	1.10
F	1	Mock Orange, 2 to 3 feet	.75
G	1	Deutzia Crenata fl. pl., 3 to 4 feet	.70
H	1	Butterfly Bush, 2 year	.50
I	1	Desmodium, 2 year	.60
J	10	Japanese Barberry, 15 to 18 inches	2.00
K	5	Hydrangea, P. G., 18 to 24 inches	2.75
L	2	Snowberry, 2 to 3 feet	1.10
M	1	Common Purple Lilac, 3 to 4 feet	.70
N	1	Hskl., Fragrantissima, 3 to 4 feet	.70
O	1	Rosa Rugosa Rubra, 2 year	.75

Regular Value $20.75
Our Special Jubilee Price. **$18.75**
By Express, Not Prepaid .....

Pride of Rochester. Grows 6 to 8 feet high; and blooms in May before the others. Flowers large and free, double, white.
2 to 3 feet—60 cts. each; $5.00 per 10.
3 to 4 feet—75 cts. each; 6.50 per 10.
Mail size—35 cts. each; 3.50 per dozen.

Venusta. Leaves rough, flowers campanulate, in numerous panicles, filaments slightly toothed; pure white.
2 to 3 feet—60 cts. each; $5.00 per 10.

Watereri. Large pink, flat flowers in loose racemes.
2 to 3 feet—60 cts. each; $5.00 per 10.

ELDER—Sambucus

Coarse growing berried shrubs chiefly grown for their beautiful leaves. Elders are not as permanent as some of the other common shrubs, consequently they should be grouped so as to allow for future replacement without too great disturbance of the general planting effect.

Acutiloba. (Cut-leaved Elder.) Great handsome cymes of delicate, white, fragrant flowers in June and July, followed by large clusters of fruit.
2 to 3 feet—60 cts.; $5.00 per 10.
3 to 4 feet—70 cts.; 6.00 per 10.
4 to 5 feet—$1.00 each.

ELDER—Cont.

Aurea. (Golden Elder). Its golden yellow leaves contrast beautifully with the other shrubs. Flowers white, in flat topped cymes. Grows naturally 10 to 15 feet, but can be pruned into a neat, compact little bush.
2 to 3 feet—60 cts.; $5.00 per 10.
3 to 4 feet—75 cts.; 7.00 per 10.

Canadensis. (American Elder). Immense flat topped cymes of white flowers in early summer; followed in August and September by luscious black fruits—the source of Mother's "Elderberry pie."
2 to 3 feet—55 cts. each; $4.50 per 10.
3 to 4 feet—70 cts. each; 6.00 per 10.

Pubens (Scarlet Elder). The downy young shoots, leaves and flower stalks make an interesting bush; the flowers, and subsequent bright scarlet fruits, are in loose pyramidal panicles from May to July.
2 to 3 feet—65 cts. each; $5.50 per 10.
3 to 4 feet—85 cts. each; 8.00 per 10.

Tenuifolia. (Fringed Leaf Elder.) A distinct type with deeply cleft foliage. 2 to 3 feet—65 cts. each; $5.50 per 10.
3 to 4 feet—75 cts. each; $6.50 per 10.

Variegata. Tall, vigorous, black fruited; its conspicuous leaves quaintly mottled with white and yellow.
2 to 3 feet—70 cts. each; $6.00 per 10.
3 to 4 feet—80 cts. each; 7.00 per 10.

ELAEAGNUS-Argentea (Silverberry). Grows erect to 12 feet with reddish brown branchlets, and oval leaves silvery on both sides. Axillary fragrant yellow flowers, creating small oval fruits densely clothed with silvery scales. 2 to 3 feet—60 cts. each; $5.00 per 10.
3 to 4 feet—75 cts. each; $6.50 per 10.

—Longipes. (Japan Oleaster, "Silver Thorn"). A showy shrub of strong, bushy growth, with silver variegation in the lining of its leaves, which are dark green above. Its fragrant, creamy white blossoms open in April or May; the scarlet edible fruits hang thickly along its branches and are ripe in July. They make delicious sauces. 1½ to 2 feet—90 cts. each; $8.00 per 10.

Euonymus Alatus (Winged Burning Bush). An 8 to 10 foot shrub, with corky winged branches; a fine shrub for solitary plantings, as well as for massing, the rich red and crimson of its leaves being very showy in Autumn.
1½ to 2 feet—$1.00 each; $ 9.00 per 10.
2 to 3 feet— 1.25 each; 11.00 per 10.

Exochorda Grandiflora. (Pearl Bush). It grows vigorously to a height of 6 to 10 feet, inclined to assume tree form with age. The early buds look like pearls strung on slender threads, May opening them up to long, gleaming sprays of purest white.
2 to 3 feet—70 cts. each; $6.00 per 10.
3 to 4 feet—85 cts. each; 7.50 per 10.

Golden Bell

FORSYTHIA
{Golden Bell}

These splendid old shrubs, growing 8 to 10 feet tall eventually, light up the garden with glinting masses of yellow, very early in spring before the leaves appear. The upright forms make excellent tall hedges, and are bright-hued fillers for massed shrub groups; the matted branches of yellowish green quite attractive in winter.

Fortunei (Erect). Derived from Suspensa, but exactly opposite in type of growth. Fortunei grows the tallest and most slender of the group, and is consequently selected for tall backgrounds.
2 to 3 feet—55 cts. each; $4.50 per 10.
3 to 4 feet—70 cts. each; 6.00 per 10.

Intermedia (Arching). Short leaved, earliest blooming broadest bushing; the long canes drooping so as to make a solid bank of brilliant green foliage. The best general purpose type.
2 to 3 feet—50 cts. each; $4.00 per 10.
3 to 4 feet—65 cts. each; 5.50 per 10.
Mail size—30 cts. each; 3.00 per dozen.

—Spectabilis. Of Intermedia character, with very broad, heavier flowers.
2 to 3 feet—55 cts. each; $4.50 per 10.
3 to 4 feet—70 cts. each; 6.00 per 10.

Suspensa (Weeping). Slender, limply drooping branches strung with bright rosettes of yellow bloom and shiny leaves. These are airily graceful, swaying loose from trellis top or garden wall; or mingle pleasingly with the trailing growth of Honeysuckle, Wichuraiana roses and other ground covering vines.
2 to 3 feet—70 cts. each; $6.50 per 10.

Viridissima. Six inch olive-green leaves, on heavy, upright canes, the flowers greenish yellow not fully opening, with somewhat twisted petals. Not dependably hardy in northern latitudes.
2 to 3 feet—55 cts. each; $4.50 per 10.
3 to 4 feet—70 cts. each; 6.00 per 10.

FRINGE, Purple (Smoke Tree). *Rhus Cotinus.* A conspicuous spreading shrub or small tree with large clusters of round leaves; overhung in midsummer by mist-like clouds of tiny flowers. These billowing panicles are a light lavender when fresh, very persistent, and give the impression of smoke at a distance.
1½ to 2 feet—90 cts. each; $8.00 per 10.
2 to 3 feet—$1.00 each.

—White. (Chionanthus Virginica). A very showy shrub, growing to large size; with large leathery, shiny leaves, and lace-like white flowers borne in gracefully drooping panicles. Although tree-like in character, the branches and heavy foliage are usually well furnished close to the ground, making a broad and rounded bush of noble proportions.
1½ to 2 feet—$1.00 each.

Halesia Tetraptera (Silver Bell Tree). A neat and pretty little tree, with large, dark green leaves. May be grown as a shrub. In May while the leaves are yet small, its branches are hung thickly with small white or pinkish drooping bells about 1 inch long. These are followed by large and curious winged seeds which impart to it a strangely ornamental effect.
2 to 3 feet—$1.00 each; $ 9.00 per 10.
3 to 4 feet—$1.25 each; 11.00 per 10.

Special Jubilee Shrub Offer Page 90

Tatarian Bush Honeysuckle

BUSH HONEYSUCKLES

Lonicera. The upright Honeysuckles (6 to 12 feet) have early, pretty flowers followed by showy berries that last through the fall. Their rounded leaves are among the first to break forth in spring, and are a most refreshing green amidst the dull brown hues of unawakened neighbors. Make very desirable bulky screening hedges, and the nucleus of tall shrub groups; doubly valuable because they will thrive in partial shade.

Bella Albida. Flowers white, in great fragrant clusters, followed by ropes of red berries, which remain all summer.

Bella Candida. Creamy white flowers; red berries. (3-4 ft. only).

Bella Rosea. Like the type, but flowers tinted pale rose.

Above three varieties:
2 to 3 feet—55 cts. each; $4.50 per 10.
3 to 4 feet—65 cts. each; 5.50 per 10.

Fragrantissima. A favorite landscape type of lagging development up to 8 feet. Distinguished by its small, round, leathery leaves, showing the darkest shade of green, which are pratically evergreen if in a sheltered position. Also its very early clusters of tiny pink and white flowers are sweetly fragrant, their scent even clinging to wood and foliage.
2 to 3 feet—60 cts. each; $5.00 per 10.
3 to 4 feet—70 cts. each; 6.00 per 10.

Grandiflora Rosea (Pink Tatarian Hskl.). The tallest bush and the largest flowers. with beautiful rounded leaves of a lively green shade. An old bush may be 12 feet high, the arching branches supporting an unbroken wall of verdure to the ground. In June this mass is thickly spangled with starry bloom, tender rose pink, and very noticeable.
2 to 3 feet—60 cts. each;$5.00 per 10.
3 to 4 feet—70 cts. each; 6.00 per 10.

Korolkowi (Blue Leaf Hskl.). A choice new variety of much the same twiggy, dense, small-leaved, drooping habit and general appearance as Spirea Van Houtte, attaining similar proportions. The light pinkish flowers are not so conspicuous as are the dark red fruits; but the foliage is consistently colored a distinct blue green especially pronounced and contrastive early in the summer.
1½ to 2 feet—85 cts.each;$7.50 per 10.

Hydrangea P. G.

Ledebouri. Vigorous 8 to 9-foot growth; with three-inch leaves of dull dark green. Flowers in May or June, deep orange tinged with red; fruits black.
2 to 3 feet—60 cts. each; $5.00 per 10.
3 to 4 feet—75 cts. each; 6.50 per 10.

Morrowi (Japanese Bush Hskl.). Dense, wide-flung branches constituting a rounded bush seldom above 8 feet. The small bloom is creamy white, quite showy; but the blood-red berries which follow, furnish the most thrilling spectacle among summer-fruiting shrubs.
2 to 3 feet—60 cts. each; $5.00 per 10.
3 to 4 feet—70 cts. each; 6.00 per 10.

TATARICA (Tatarian Honeysuckle). 8 to 10 feet; very hardy.

—**Alba.** Flowers blush white. Bush hardy and dense.
2 to 3 feet—55 cts. each; $4.50 per 10.
3 to 4 feet—70 cts. each; 6.00 per 10.

—**Rubra.** Light crimson flowers in early summer.
2 to 3 feet—65 cts. each; $5.50 per 10.
3 to 4 feet—75 cts. each; 6.50 per 10.
Mail size—35 cts. each; 3.50 per dozen.

HYDRANGEA

The massiveness of bloom on these valuable shrubs and their long blooming season, assures them a place in every grouping where solid white effects are required.

Hills of Snow

Arborescens Grandiflora ("Hills of Snow"). The flowers are, in a large way, similar to the familar "Snowball" in appearance; conspicuously white and imposing. July to September. By cutting back to the crown each spring, the bushes may be kept round and dense at a normal height of 3 to 5 feet. They are excellent for solid low borders or in foundation plantings,, which will allow for about four feet.
1½ to 2 feet—60 cts. each; $5.00 per 10; $40.00 per 100.
2 to 3 feet—75 cts. each; 6.50 per 10; 55.00 per 100.
Mail size—35 cts. each; $3.50 per dozen.

Paniculata Grandiflora. Fine tall hedges, or if planted in rich soil and **severely pruned every spring** before the leaf buds open, will get to be very dense, dwarf clumps of compact form, wonderfully attractive when laden with their massive white plumes. Large beds, kept at a uniform development, are extremely showy; first snowy white, then pink, then reddish bronze and green. August till autumn. Planted rather well back in the intervals between other shrubs, the projecting flower wands arching from the ground are extremely conspicuous and effective white punctuations.
1½ to 2 feet—65 cts.each;$5.50 per 10.
2 to 3 feet—80 cts. each; 7.00 per 10.
Mail size—40 cts. each; $4.00 per doz.

—**Tree Shaped.** Very desirable in this form, in formal lines and backgrounds, or solitary.
2½ to 3 feet—$1.10 each;$10.00 per10.
3 to 4 feet— 1.35each; 12.50 per10.

HYPERICUM Henryi. (Gold Flower.) Forms a shrubby recumbent bush, 2 to 2½ feet high, of smooth purplish arching stems. Single, 2-inch or larger bright golden flowers, the

Honeysuckles furnish the first show of fresh green foliage in Spring

rich color heightened by the many tufted yellow stamens with reddish anthers. Their foliage is fern-like, with dark, shiny upper surface, richly contrastive to the abundant bloom which is quite persistent. Does very well in partial shade if soil is not too dry.
2-year plants—60 cts. each; $5.00 per 10.

—Prolificum. Of variable growth up to 5 feet; abundant dark glossy leaves. Blooms profusely with ½ to 1-inch yellow flowers in several to many axillary cymes.
2 to 3 feet—80 cts. each; $7.00 per 10.

Ilex Verticillata. (Black Alder or Winter-berry.) A handsome deciduous form of Holly, of slow development to six or eight feet, at its best in moist soil. Although its small June flowers are numerous and foliage darkly lustrous, the sparkling masses of crimson fruits which appear in October represent its greatest charm and carry its value far into winter.
1½ to 2 feet—90 cts. each; $8.00 per 100.

Kerria Japonica. (Japan Corchorus.) A handsome, green-leaved shrub, growing 4 to 5 feet. Graceful slender, drooping branches, painted with a wealth of rich dark yellow flowers in June, and to some extent all summer.
18 to 24 in.—70 cts. each; $6.00 per 10.
2 to 3 feet—85 cts. each; 7.50 per 10.

LILAC [Syringa]

"Lilac Time" is a seasonal event in the temperate zone, uncalendared, but as definitely established as Spring and Summer. No yard so poor it cannot cherish its one Lilac bush; no grounds so exalted but gain honor and enrichment from Lilacs in the glory of their many variations.

Common Purple (Syringa Vulgaris). Most suitable for tall hedges planted two to four feet apart and subject to moderate pruning, and for location in partial shade.
2 to 3 feet—60 cts. each; $5.00 per 10, $40.00 per 100.
3 to 4 feet—70 cts. each; 6.00 per 10.
Mail size—35 cts. each; 3.50 per dozen.

Common White (S. Vulgaris Alba). Slenderly upright.
2 to 3 feet—90 cts. each; $ 8.00 per 10.
3 to 4 feet—$1.10 each; 10.00 per 10.

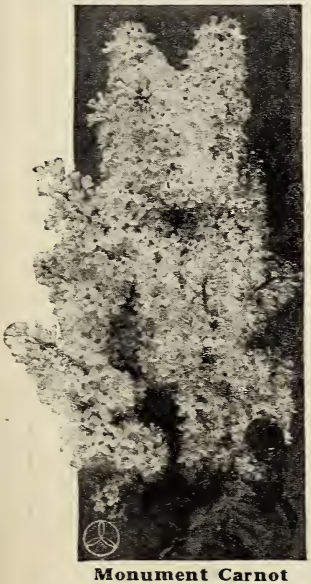
Rothomagensis (Rouen Lilac). Grows 10 to 12 feet high; immense reddish-purple panicles in May.
2 to 3 feet—75 cts. each; $6.50 per 10.
3 to 4 feet—90 cts. each; 8.00 per 10.

Sweginzowi Superba. Tall, erect; recently introduced from Eastern Asia. Blooms even on very young plants and produces its annual crop of flowers with great freedom in May or June. Flesh pink on reverse, white inside, with distinct carmine red throat. Greatly admired where known. 2 to 3 feet—$1.00 each; $9.00 per 10.

Villosa. Dwarf growth broad leaved; pinkish lilac flowers in long loose panicles. 2 to 3 feet—80 cts. each; $7.00 per 10.
3 to 4 feet—95 cts. each; $8.50 per 10.

FRENCH HYBRID LILACS

2 to 3 feet: $1.00 each; $ 9.00 per 10.
3 to 4 feet: 1.25 each; 11.50 per 10.



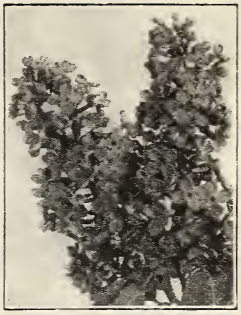
Monument Carnot

To France must be given credit for intensive culture and development of the Lilac; vastly increasing size of florets, and length and breadth of panicles; strengthening of color tones, and distinctive mingling of shades; refinement of fragrance; and general glorification of an already well-beloved subject, from root, wood and foliage to the bud and bloom.

Alphonse Lavalle (D). Broad panicles, violet blue.
Belle de Nancy (D). Great panicles of satiny rose white.
Charles Joly (D). Dwarf; violet and wine purple.
La Tour d'Auvergne (D). Of notable strong growth; flowers large, violet purple.
Marie Le Graye. Single. Pure white.
Michael Buchner (D). Dwarf and stocky. Delicately beautiful trusses of pale lilac color.
Mme. Abel Chatenay (D). Beautiful globular buds like Lily-of-the-Valley, reluctantly opening up, but eventually a massive truss, snow white.
Monument Carnot. Semi-double, opening wide. Large florets and panicles of pale lilac.
Obelisque (D). Full, compact clusters; the globular buds opening gradually; pure white.
President Carnot (D). Distinctly separate narrow petals in wide-open flowers; pale blue and white, the large clusters being particularly charming when in the stage of alternating open flower, and deep toned damask bud.
President Grevy (D). Slender tube and scapes of rosy mauve, the open face a prettily contrasting shade of bright blue.
Souv. de Ludwig Spaeth. Single. Darkest of the blues—a deep purplish shade—in long panicles.
Viviand-Morel (D). Intermingled blue and white petals, reverse deep purplish rose.
Assorted French Lilacs. Many patrons prefer to order this way, for our selection.

NEW LILACS for old Gardens

Our Special Jubilee Offer of Six Superb Sorts



Reaumur

Jacques Calot (S). Both individual flower and shapely panicle unusually large; violaceous red, maturing to delicate rose-pink.

Jules Simon (D). Tight round buds of lilaceous rose; the opened flower an azure sky with a fleecy cloud.

President Loubet (Semi-D). Broad heads of medium florets, the tube and bud a strong red-violet, which stains through to tincture the bright blue of the opened flower.

Reaumur (S). Extra large florets assembled in wide, dense panicles; indigo-blue, brightened by the tube and reverse of carmine-rose. A unique shade with a beautiful satin finish.

Siebold (D). Dwarf growth. The daintily small bud, flower and panicle is recompensed by extreme freedom. Creamy white slightly blushed, the bud stained amber.

Violetta (S). Heavy wood, large, clean foliage, and compact panicles of bulky size. Buds are very dark violet-maroon; opening up into eight-petaled, inch-wide florets of dusky violet blue.

2-3 feet—$2.00 each.
The Set of Six by Express for... **$10.00**

There are not too many desirable varieties and colors,—why not start a Lilac Collection?

PHILADELPHUS [Mock Orange]

The Mock Orange has always been useful as a tall screening hedge shrub, and the one or two fragrant varieties were very popular as specimens, or in groups During the past ten years, there has been an outburst of developed varieties expressing larger and more perfect flowers, protracted season, and more pronounced scent. We were pioneers in this forward movement and now include a large selected list of these new types.

Albatre. Has very showy, dense panicles of white, double flowers. Plant is bushy, of medium height. 1½ to 2 feet—65 cts. each; $5.50 per 10.
2 to 3 feet—85 cts. each; 7.50 per 10.

Aureus (Golden Syringa). Valuable for contrastive grouping, the best medium golden leaved shrub.
15 to 18 inches—75 cts. each; $6.50 per 10.
18 to 24 inches—90 cts. each; 8.00 per 10.

Banniere. A tall shrub with long branches covered with a profusion of large semi-double snow-white flowers, very early; the foliage large, dark green. 1½ to 2 feet—65 cts. each; $5.50 per 10.
2 to 3 feet—80 cts. each; 7.00 per 10.

Bouquet Blanc. Close set bunches of double flowers; each branch a scented bouquet; for medium hedges.
2 to 3 feet—65 cts. each; $5.50 per 10; $45.00 per 100.
3 to 4 feet—80 cts. each; 7.00 per 10.

Coronarius. Blooms in May, in very graceful sprays.
2 to 3 feet—60 cts. each; $5.00 per 10; $35.00 per 100.
3 to 4 feet—70 cts. each; 6.00 per 10.

Dame Blanche. Slender but uprising branches fully set with semi-double, fringed flowers which are cream-like and very fragrant. May be used in medium height groups and the long flowering wands make excellent cut flowers. 1½ to 2 feet—65 cts. each; $5.50 per 10.
2 to 3 feet—80 cts. each; 7.00 per 10.

Favorite. Shapeliest bush of the taller sorts, with the lightest green, broad foliage. A free bloomer, throwing clusters of five large, single, cup-shaped flowers, waxy white with plenty of light yellow stamens. Usually repeats to some extent in the fall. Slightly scented. 1½ to 2 feet—65 cts. each; $5.50 per 10.
2 to 3 feet—80 cts. each; 7.00 per 10.

Glacier. 5 feet. An attractive type; double, rich cream, produced in thick clusters of six or seven, giving the effect of one enormous double flower.
1½ to 2 feet—65 cts. each; $5.50 per 10.
2 to 3 feet—80 cts. each; 7.00 per 10.

Grandiflorus. Very large flowers in June. Tall.

Gordonianus. Very best late bloomer. July. Tall.

Above two 2 to 3 feet—60 cts. each; $5.00 per 10.
3 to 4 feet—70 cts. each; $6.00 per 10; $45.00 per 100.

Lemoinei Erectus. Erect, fine leaved, slender stemmed, about 4 to 5 feet high. Creamy white flowers in June, with a distinct, permeating fragrance.
1½ to 2 feet—55 cts. each; $4.50 per 10.
2 to 3 feet—70 cts. each; 6.00 per 10.

Manteau d'Hermine. Very dwarf, of dense growth, slender stemmed and small leaved. The pretty white flowers are small, but numerous, with slight fragrance.
1½ to 2 feet—70 cts. each; $6.00 per 10.
2 to 3 feet—80 cts. each; 7.50 per 10.

Norma. 8 feet, slenderly upright. The single flowers are of great individual size, strung freely along full length of the stems; glossy white with pale gold stamens.
1½ to 2 feet—65 cts. each; $5.50 per 10.
2 to 3 feet—80 cts. each; 7.00 per 10.

Ophelia. Long, arched branches, heavily laden with very fragrant crinkly, mostly double flowers; flesh white with white gold stamens. Growth slow and compact, fragrance extra strong and delightful.
1½ to 2 feet—65 cts. each; $5.50 per 10.
2 to 3 feet—80 cts. each; 7.00 per 10.

Pyramidalis. A tall variety, erectly compact with dark green large leaves. The flowers are waxy white, double, in closely bunched clusters.
1½ to 2 feet—65 cts. each; $5.50 per 10.
2 to 3 feet—75 cts. each; 6.50 per 10.

Romeo. The flowers are pretty and distinct, being a creamy white with a small purple blotch. Of medium growth, maturing five to seven feet.
2 to 3 feet—80 cts. each; $7.00 per 10.
3 to 4 feet—$1.00 each.

Souvenir de Billiard. Single, pure white flowers.
2 to 2½ feet—75 cts. each; $6.50 per 10.

Sutzmani. The very tall, heavy wooded growth of Gordonianus, with large semi-double pure white flowers.
2 to 3 feet—80 cts. each; $7.00 per 10.
3 to 4 feet—$1.00 each; $9.00 per 10.

Virginalis. A magnificent new variety. Moderately tall, with good foliage and compact habit. The flowers (fully double, semi-double and single) are the largest, handsomest, and most sweetly fragrant of any known variety, with longest early and intermittent blooming season. Best known of the modern Mock Orange and gaining tremendous popularity the world over. Mail size: 50 cts.; $5.00 per dozen.
1½ to 2 feet..... $0.70 each; $ 6.00 per 10.
2 to 3 feet..... .90 each; 8.00 per 10.
3 to 4 feet..... 1.25 each; 10.00 per 10.

MODERN MOCK ORANGE

An introductory collection of new Philadelphus

Aureus—"Golden Syringa"	18 to 24 in.	$0.90
Bouquet Blanc—flower wands	18 to 24 in.	.50
Glacier—double, snow white	18 to 24 in.	.65
Norma—single, tall	18 to 24 in.	.65
Ophelia—crinkly, double	18 to 24 in.	.65
Romeo—purple eyed	18 to 24 in.	.75
Virginalis—sweetest of all	18 to 24 in.	.70
		$4.80

This Set of 7 for $4.25

By express; not prepaid

See Page 90 for Special Jubilee Offerings

PHOTINIA VILLOSA. Of varying height but normally medium, liberally set with small corymbs of white flowers in June. The foliage is gorgeously red in the fall; with bird-proof scarlet fruit-clusters half through winter.
3 to 4 feet—85 cts. each; $7.50 per 10.
4 to 5 feet—$1.00; $9.00 per 10.

PRUNUS Pissardi (Purple-leaved Plum). Showy pinkish purple leaves that deepen in color to the end of the season. A small, round topped tree, with white, single flowers in spring.

—**Othello.** Tree is an upright grower, the foliage brilliant reddish purple, holding its color throughout the season. It is also a prolific bearer, with deep crimson fruit about 1 inch in diameter, ripening before ordinary plums.
Both above: 3 to 4 feet—$0.80 each; $ 7.00 per 10.
Both above: 4 to 5 feet— 1.00 each; 9.00 per 10.
Both above: 5 to 6 feet— 1.25 each; 11.00 per 10.

—**Newport.** A purple leaved plum of greater refinement and slower growth, the leaves smoother and more richly colored; at first strongly reddened, maturing to a still red tinge in the deep bronze-purple of late summer. Flowers rosy white, fruits magenta red.
3 to 4 feet—$1.25 each; $11.50 per 10.

—**Triloba** (Double Flowered Plum). Very early in spring, before its leaves appear, the small tree is decked in a fleecy cloud of very double light pink blossoms.
2 to 3 feet—$0.80 each; $7.00 per 10.
3 to 4 feet—$1.00 each; 9.00 per 10.

RHAMNUS Catharticus (Buckthorn). A dense twiggy bush, 6 to 10 feet high, with dark foliage relieved by masses of midsummer white flowers. Makes a good, prunable hedge.
2 to 3 feet—40 cts.; $3.50 per 10; $25.00 per 100.
3 to 4 feet—50 cts.; 4.00 per 10; 35.00 per 100.

—**Frangula.** A large shrub with numerous leafy branches. Leaves dark green, paler beneath, fading with tones of yellow, orange and red. Berries change from red to black.
2 to 3 feet—50 cts. each; $4.00 per 10; $30.00 per 100.
3 to 4 feet—60 cts. each; 5.00 per 10; 40.00 per 100.

RHODOTYPOS KERRIOIDES (White Kerria). An attractive rounded shrub 3 to 6 feet high, with beautiful yellowish green, corrugated foliage and large, single white flowers late in May, black seeds following. Particularly valuable because it will endure partial shade.
1½ to 2 feet—60 cts. each; $5.00 per 10.
2 to 3 feet—75 cts. each; 6.50 per 10.

S. & H. PRIVET *for Hedges and Screens*

Plant a Privet Hedge. Mingle Privets in Shaded Groups

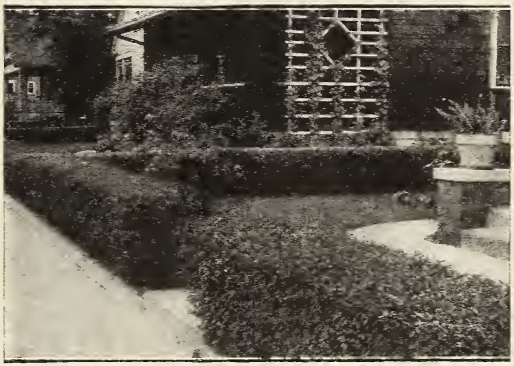
Besides being one of our best hedge plants, the various species of Privet form interesting groups on the lawn, and make richly green foliage backgrounds against foundation walls. They are almost evergreen, of dense compact habit; useful in shaded places. To plant a single row, set them about 12 inches apart; for a double row, about 18 inches apart each way and alternately. **S. & H. sold Privets are noted for liberal grading—none better.**

Price of Privet		10	100	1000
Amurense—	12 to 18 in.	$1.20	$ 8.50	$ 80.00
"	18 to 24 in.	1.60	11.00	100.00
"	2 to 3 ft.	2.00	15.00	140.00
California—	15 to 18 in.	.80	5.00	40.00
"	18 to 24 in.	1.10	7.00	55.00
"	2 to 3 ft.	1.50	10.00	85.00
Ibolium—	18 to 24 in.	1.60	12.00	110.00
"	2 to 3 ft.	2.00	16.00	150.00
Ibota—	18 to 24 in.	1.60	12.00	100.00
"	2 to 3 ft.	2.00	16.00	140.00
"	Mail size	1.50	10.00	.....
Regel's—	15 to 18 in.	2.00	17.00	150.00
"	18 to 24 in.	2.80	25.00	200.00
"	2 to 3 ft.	3.50	30.00	280.00
Variegated—	1½ to 2 feet	6.00	50.00	.....
"	2 to 3 feet	7.50	65.00	.....

The Privets [Ligustrum]

Amoor River (L. Amurense). A very hardy northern grown type, vigorously upright and tall growing. The leaves are dark green, somewhat lustrous, tardily deciduous. Makes a strong, bold hedge with quite conspicuous bloom in erect white panicles.

California (L. Ovalifolium). Quick growing, straight, densely clothed shoots; the foliage in precise arrangement, a dark shiny green. The handsomest and most generally used of the entire group for hedging, clipped specimens, or for massing; but unfortunately not reliably hardy in the northern section.



S & H Privet Makes a Fine Hedge Quickly

Japanese (L. Ibota). Makes up into striking tall clumps, or informal screening hedges, with widespread curving branches; vigorous and hardy. The foliage is grayish green; showy, fragrant white flower plumes in June, followed by persisting blue-black berries.

Ibollum. A recently introduced hybrid of Ibota and Ovalifolium, expressing the best qualities of each. Remarkably sturdy and cold-resistant, having attained several feet of uninjured, densely bushy growth upon the storm lashed banks of a light-house island in northern Lake Michigan. Its foliage is lustrous and quite similar to the favorite California variety; with erectly branching habit and quick substantial development.

Regel's (L. Regelianum). A strong, very hardy type with dark and shiny leaves. The numerous branches are stiff, twiggy and horizontally spreading, gracefully drooping at the ends. Makes a naturally wide, dense bush particularly adaptable to foundation plantings.

Golden Variegated. Similar in type of leaf and growth to the California, but of less ruggedness and quick habit. Instead of the conventional smooth green this novel variety is creamy white and yellow over two-thirds of the leaf. May be used to advantage either in hedge rows or as bright variegation in groups with other shrubs. Try it with the red leaved Barberry.

Plant a hedge instead of a fence. It won't rot out or need paint

RHUS [Sumac]

Picturesque, gnarly, wind-bent rows of Sumac blazing redly in autumn with both painted leaves and gorgeous fruits, are familiar landmarks in every countryside; and modern landscaping delights in achieving the same effects among the studied borders of the city home grounds.

Aromatica (Fragrant Sumac). Grows 2 to 4 feet tall; flowers yellow, in clusters along the stems, followed by red berries in June. Leaves color to brilliant scarlet.
1½ to 2 feet—75 cts.; $6.50 per 10.

Copallina (Shining Sumac). Tall growing; foliage glossy. Blooms late, with terminal flowers of greenish white in dense panicles. Fruit large, deep crimson. Foliage colors beautifully in fall.
2 to 3 feet—70 cts.; $6.00 per 10.

Glabra (Smooth Sumac). Grows to a small tree with beautiful leaves which color brightly in Autumn; flowers in July followed by crimson or brown fruits.
2 to 3 feet—55 cts. each; $4.50 per 10.
3 to 4 feet—75 cts. each; 6.50 per 10.

Typhina (Stag Horn Sumac). Picturesque and rugged in all stages of development to its small-tree maturity of about 30 feet. Its flowers are borne during June and July in dense terminal panicles, followed by impressive red fruits.
2 to 3 feet—55 cts. each; $4.50 per 10.
3 to 4 feet—70 cts. each; 6.00 per 10.

Typhina Laciniata (Cut-leaved Sumac). Similar to foregoing except its leaves are deeply cleft, which, if bush is pruned to induce considerable bottom growth, mingles the various angled fronds in a delightful "ferny" effect.
2 to 3 feet—65 cts. each; $5.50 per 10.
3 to 4 feet—80 cts. each; 7.00 per 10.

SPIREA

Spirea Arguta

All the Spireas bloom with a riotous extravagance; style, color and habits of growth differing so markedly that a collection of varieties will insure bloom the entire season and still evade repetition.

DWARF FORMS—2 to 3 feet

Anthony Waterer. Beautiful dark small foliage; dense rounded growth; and large, brilliant rosy crimson corymbs, at its best in midsummer. More of this variety is used for foundation plantings and low borders, than any other dwarf shrub.
15 to 18 in.—55 cts.; $4.50 per 10; $37.50 per 100.
18 to 24 in.—70 cts.; 6.00 per 10; 50.00 per 100.

Bumalda. A spreading, low bush with dark leaves brightened by corymbs of pretty light pink flowers in May, and at intervals all summer.
15 to 18 in.—55 cts. each; $4.50 per 10.
18 to 24 in.—70 cts. each; 6.00 per 10.

Froebeli. Similar to A. Waterer, but a trifle taller, with broader and darker leaves. These are a beautiful salmony bronze red in spring, reverting to similar shade in fall. Reddish pink flowers in dense corymbs during July and August.
18 to 24 in.—60 cts. each; $5.00 per 10.
24 to 30 in.—75 cts. each; 6.50 per 10.

TALLER SORTS—4 to 10 feet

Arguta Multiflora (Snow Garland). A slender, upright shrub, 3 to 5 feet high, with branches a snowy mass of clear white flowers in early May.
2 to 3 feet—60 cts. each; $5.00 per 10.
3 to 4 feet—70 cts. each; 6.00 per 10.

Billiardi. 3 to 6 feet. Has dense spikes of rose-pink flowers that crown sparsely twigged, erect branches. For shrubbery groups, natural plantings and moist places. July to September.
1½ to 2 ft.—50 cts. each; $4.00 per 10.
2 to 3 ft.—60 cts. each; 5.00 per 10.

Douglasi. Upright in growth to 7 feet, with reddish brown branches and narrow, oblong leaves. Bears spikes of beautiful deep rose-colored flowers in July.
2 to 3 feet—50 cts. each; $4.00 per 10.
3 to 4 feet—60 cts. each; 5.00 per 10.

Margaritae. A handsome, very free flowering type of medium height up to five feet; in bloom during July and August, with rather large, bright pink flowers in broad corymbs; and elliptic, serrated leaves at times tinged with purple.
1½ to 2 feet—55 cts. each; $4.50 per 10.
2 to 3 feet—65 cts. each.

Nobleana. A hybrid of Douglasi, attaining about 4 feet; mid-summer flowers light pink, in dense pyramidal panicles 3 to 6 inches high.
2 to 3 feet—55 cts. each; $4.50 per 10.

Opulifolia. Growth upright, attaining 8 to 10 feet, although the heavy white flower umbels in June make the branches droop; old flower heads turn to dark red, making a striking variety of colors at different stages of maturity.

Opulifolia Aurea (Golden Spirea). Of similar habit to above, with young foliage of bright yellow changing to golden bronze in the fall.

Both Colors:
2 to 3 feet—50 cts. each; $4.00 per 10.
3 to 4 feet—60 cts. each; 5.00 per 10.
4 to 6 feet—75 cts. each.

Prunifolia fl. pl. (Bridal Wreath). Plum leaved foliage which early in autumn turns to brilliant red. Blooms early, even before Van Houtte, with clusters of small button-like white flowers.
2 to 3 feet—65 cts. each; $5.50 per 10.
3 to 4 feet—80 cts. each; 7.00 per 10.

Reevesiana fl. pl. Slender, drooping branches in a charming round bush seldom above four feet, with dark green leaves of continuing freshness. Compact umbels of very double creamy white flowers appear in May and June. 2 to 3 feet—70 cts. each; $6.00 per 10.

Salicifolia (Willow Leaved Spirea). Grows to 5 feet. The willow-like foliage is quite shiny and attractive. Crowded panicles of pink flowers in mid-summer.
2 to 3 feet—55 cts. each; $4.50 per 10.
3 to 4 feet—70 cts. each; 6.00 per 10.

Spirea Anthony Waterer

Spirea Anthony Waterer blooms intermittently for several weeks

Spirea Van Houtte

SPIREA—Contd.

Sorbifolia (Ash-leaf Spirea). One of the handsomest sorts from the foliage viewpoint. Blooms in midsummer with fine feathery panicles of purest white. Very useful in the background of foundation plantings, or the foreground of tall shrub groups.
3 to 3½ feet: 80 cts. each; $7.00 per 10.

Thunbergi. Forms a dense, fluffy bush, 3 to 5 feet high; the feathery foliage, which is a peculiar but pleasing shade of yellowish green, changes in autumn to bright red and orange. White clustered flowers in early spring.
18 to 24 inches: 60 cts. each; $5.00 per 10.
24 to 30 inches: 70 cts. each; 6.00 per 10.

Tomentosa (Hardhack). A valuable late blooming sort (July-September) averaging about 4 feet in height; flowers of deep rose, or even purple, in dense, slender, feathery panicles. Very tough and hardy, suitable for exposed and somewhat arid regions.
2 to 3 feet: 60 cts. each; $5.00 per 10.
3 to 4 feet: 70 cts. each; 6.00 per 100.

Van Houtte. Height 5 to 6 feet; stands some shade. Indispensable in any grouping of shrubbery where its gracefully arching, slender branches, fine twigs and "maiden hair" foliage may be left unpruned. A complete fountain of pure white bloom in May and June; its leaves remaining a rich, dark green color from spring to fall.
1½ to 2 feet: 30 cts. each; $2.50 per 10; $18.00 per 100.
2 to 3 feet: 50 cts. each; 4.00 per 10; 30.00 per 100.
3 to 4 feet: 60 cts. each; 5.00 per 10; 40.00 per 100.
Mail size, 25 cts. each; $2.25 per 10; $16.00 per 100.

SYMPHORICARPOS
[Snowberry, Etc.]

Besides being quite attractive shrubs in their general character, fresh looking foliage, and adaptability as hedges, they are very useful in shade where few other types will grow.

Snowberry

Racemosus (Snowberry). Inconspicuous, rose colored flowers in June and July; followed by large clustered, milk white fruits which remain far into winter. The combination of pink flowers and white berries on the same twig is charming, and a punctuating bush here and there among other shrubs is quite striking.
2 to 3 feet: 55 cts.; $4.50 per 10; $35.00 per 100.
3 to 4 feet: 70 cts.; 6.00 per 10.

Vulgaris (Indian Currant, or Coralberry). More compact but similar to the Snowberry except that its fruits are dull red, and that the smaller berries cluster in thick ropes along the weighed-down stems. The foliage is small, close-set and dark, which with the uniform spread of its branches, compares faborably with the Privets.
2 to 3 feet: 55 cts.; $4.50 per 10; $35.00 per 100.
3 to 4 feet: 70 cts.; 6.00 per 10.

TAMARIX

Tall growing shrubs, 8 to 12 feet high, with fine feathery foliage like that of the Juniper; small, usually pink flowers from April on. Splendid for seaside planting, or equally good in dry sand. The first four varieties named, being slender, should be grouped close—about 2 feet apart; the other two are bushy, and may be given 3 or 4 feet space.

Africana. Reddish brown bark and slender, spreading branches; flowers pink, in long terminal panicles of thin racemes, in May.

Gallica. Slender, spreading branches, the leaves dull bluish green. Buds are globose, the flowers flesh white in delicately panicled racemes. May-July.

—**Indica.** A form of above, with more upright branches; dull green leaves; and longer racemes of pink flowers. (2 to 3 feet only).

Purpurea. First to bloom, in short dense racemes of nearly white flowers on last year's wood; the bark and stems almost black.

The four preceding varieties:
2 to 3 feet 50 cts. each; $4.00 per 10.
3 to 4 feet: 60 cts. each; 5.00 per 10.

Odessana (Caspian Tamarix) 4 to 6 feet. Exquisitely feathered foliage of silvery green, blooming in July and August with large loose panicles of lavender-pink flowers. Dwarfer growing, more bushy and spreading than the others. 2 to 3 feet: 55 cts.; $4.50 per 10.
3 to 4 feet: 65 cts.; 5.50 per 10.

Hispida (Spanish Tamarix). Densely bushy, a foaming mass of glaucous foliage. Flowers in extra large upright panicles, bright coral pink; midsummer, and to some extent thereafter. This variety blooms longest, and with Odessana is much used for cutting, not only for its bloom but for the "mixing" character of its foliage.
2 to 3 feet: 75 cts. each; $6.50 per 10.
3 to 4 feet: 90 cts. each; 8.00 per 10.

VIBURNUM

A showy group of shrubs with wide diversity of character and common names, ranging from 5 to 12 feet in height. They bloom lavishly in Spring, and vividly brighten the Autumn with gleaming fruits and richly colored foliage.

Americanum. (High Bush Cranberry). Similar to Opulus, but more open and spreading, with longer, more numerous, more visible and longer lasting fruits. Broad flower corymbs with usually only the outer fringe fully opened. Fruits bright scarlet, persisting from July until spring, mainly because the birds won't eat them.
2 to 3 feet: 85 cts. each; $7.50 per 10.
3 to 4 feet: $1.00 each; $9.00 per 10.

Carlesii. A valuable recent introduction from Korea, producing its delicate, spice-scented flowers in May and June. The buds before expanding are an attractive pink, developing into Bouvardia-like umbels of pure white. Flowers preserve their perfect form and purity of color an unusually long time, and are exquisitely scented. The bush is rounded, slow growing to four feet; with broadly oval leaves, dull green above, glaucous beneath and hairy on both sides, autumn painting them luxuriantly. 12 to 15 in.: $2.00 each; $18.50 per 10.
15 to 18 in.: 2.75 each; 25.00 per 10.

Cassinoides (Withe-Rod). Broad, flat topped panicles of creamy white in early summer, followed by pink berries which change to blue.
1½ to 2 feet: 85 cts. each; $7.50 per 10.

We have a wonderful supply of Flower Seeds. See page 92

Viburnum Carlesii—See page 15

VIBURNUM—Cont.

Dentatum. (Arrow-wood). 8 to 12 feet. Bright green, heart-shaped leaves turning to purple and red. May and June flowers of creamy white, in umbel-like cymes. The fruits which follow in October, are bluish black.
2 to 3 feet: 60 cts. each; $5.00 per 10.
3 to 4 feet: 75 cts. each; 6.50 per 10.
4 to 5 feet: $1.00 each.

Lantana. (Wayfaring Tree.) 10 to 15 feet. Beautiful wrinkled, Lantana-like leaves; white flowers in May and June. Fruits color unequally from crimson to black, causing a most charming combination of colors, throughout the summer. 2 to 3 feet: 85 cts. each; $7.50 per 10.
3 to 4 feet: $1.00 each.

Lentago. (Sheepberry). Grows to be a small tree 30 feet high. Flowers white in pretty cymes during May and June; fruit large oval, blue-black.
2 to 3 feet: 80 cts. each; $7.00 per 10.
3 to 4 feet: $1.00 each; $9.00 per 10.

Molle (Kentucky Viburnum). A satisfactory foliage shrub attaining 12 feet. Broad oval, coarsely indented leaves, glaucous above, pubescent beneath. Small white flowers in 2½ inch cymes in spring; the oval, blue-black berries ripe in August. 2 to 3 feet: 65 cts. each; $5.50 per 10.
3 to 4 feet: 85 cts. each; 7.50 per 10.
4 to 5 feet: $1.00 each.

Opulus. (European Cranberry). 8 to 10 feet. Handsome, dense, brilliant green foliage; a rich setting for large bunches of crimson berries which persist on otherwise bare branches throughout winter. The flowers are in dense cymes about four inches across, pure white.
1½ to 2 feet: 70 cts. each; $6.00 per 10.
2 to 3 feet: 85 cts. each; 7.50 per 10.

—**Sterilis.** ("Snowball" or Guelder Rose). The common Snowball which helps out so bravely for Decoration Day, with its lovely white bloom.
1½ to 2 feet: 70 cts. each; $6.00 per 10.
2 to 3 feet: 85 cts. each; 7.50 per 10.
3 to 4 feet: $1.00 each.

Plicatum. (Japan Snowball). Erect, compact, growing 6 to 8 feet. Purple tinted foliage of beautiful pattern, spangled with perfect ovoid corymbs of purest white, in June. 18 to 24 inches: 85 cts. each; $7.50 per 10.
24 to 30 inches: $1.00 each.

Tomentosum. A single flowered form of the Japan Snowball, blooming in large flat umbel-like cymes with marginal white flowers in May. Bush broad and symmetrical, with corrugated bronze-green foliage, purple hued beneath. Fruits red, changing to blue-black.
1½ to 2 feet: 70 cts. each; $6.00 per 10.
2 to 3 feet: 90 cts. each; 8.00 per 10.

WEIGELA—Diervilla

Coarse, thrifty shrubs for medium and back rows up to 8 feet, their delightful blooming period ranging from May into July. The flowers are stemless bells strung along the arching canes in clustered profusion.

Abel Carriere. Blooms during May and June with great quantities of rose-carmine flowers with yellow spot in the throat. 2 to 3 feet: 60 cts. each; $5.00 per 10.
3 to 4 feet: 70 cts. each; 6.00 per 10.

Amabilis. Early spring flowers, light pink.
2 to 3 feet: 55 cts. each; $4.50 per 10.
3 to 4 feet: 65 cts. each; 5.50 per 10.

Candida. 4 to 6 feet; a choice variety blooming in profusion during June and to some extent all summer. Pure white. 2 to 3 feet: 65 cts. each; $5.50 per 10.
3 to 4 feet: 75 cts. each; 6.50 per 10.

Chameleon. Long sprays of beautiful rose-colored bells for Memorial Day. 2 to 3 ft.: 55 cts. each; $4.50 per 10.

Desboisi. Darkest and best of the rose colored sorts.
2 to 3 feet: 55 cts. each; $4.50 per 10.
3 to 4 feet: 70 cts. each; 6.00 per 10.

Eva Rathke. The most distinct; deep carmine red.
1½ to 2 feet: 60 cts. each; $5.00 per 10.
2 to 3 feet: 70 cts. each; 6.00 per 10.
3 to 4 feet: 90 cts. each; 8.00 per 10.

Floribunda. The crimson Weigela, its flowers large and showy, crowded at the ends of short branchlets.
2 to 3 feet: 70 cts. each; $6.00 per 10.
3 to 4 feet: 90 cts. each; 8.00 per 10.

Hendersoni. One of the strongest growing; deep rose.
2 to 3 feet: 55 cts. each; $4.50 per 10.
3 to 4 feet: 65 cts. each; 5.00 per 10.
4 to 5 feet: 85 cts. each; 7.50 per 10.

Rosea. Most popular of all; with deep pink flowers.
2 to 3 feet: 55 cts. each; $4.50 per 10.
3 to 4 feet: 65 cts. each; 5.50 per 10.
Mail size: 35 cts. each; 3.50 per dozen.

Rosea Nana Variegata. Leaves broadly margined creamy white; flowers pink. Dwarf; one of the most useful and choice variegated leaved shrubs.
1½ to 2 feet: 55 cts. each; $4.50 per 10.
2 to 3 feet: 65 cts. each; 5.50 per 10.
3 to 4 feet: 80 cts. each; 7.00 per 10.

Sessilifolia. Good sized cymes in dense terminal panicles, the yellow tube quite striking. Medium height, but stocky. 1½ to 2 feet: 60 cts. each; $5.00 per 10.

Van Houtte. Flowers broad and flat, deep rosy red with orange markings in the throat.
2 to 3 feet: 60 cts. each; $5.00 per 10.
3 to 4 feet: 70 cts. each; 6.00 per 10.

Weigela

Hardy Ornamental VINES Add Beauty and Charm

Except noted, all vines offered are 2 years old. Five at ten rate; 25 at hundred rate; 250 at thousand rate. Except noted, the each rate is alike for mail or express, but the ten and hundred rate is for express.

AKEBIA Quinata. A perfectly hardy, fast growing Japan vine, with magnificent foliage never attacked by insects; producing chocolate-purple flowers in large clusters, possessing a most delicious perfume.
2 year, 80 cts. each; $7.00 per 10.

AMPELOPSIS Veitchi. (Boston Ivy.) This is one of the finest hardy climbers we have for covering walls, as it clings firmly to the smoothest surface. covering closely with overlapping foliage, giving appearance of shingles. The color is a fresh deep green in summer, changing to the brightest shades of crimson and yellow in autumn. 2 year: 60 cts. each; $5.50 per 10; $50.00 per 100. Mail size: 40 cts. each; $4.00 per dozen.

Boston Ivy

—Quinquefolia. (American Ivy. Virginia Creeper, etc.) Deeply cut leaves which turn to a beautiful crimson in fall; fine for covering trees, rocky slopes, walls, etc.
2 year: 50 cts. each; $4.00 per 10.

——Englemanni. Similar to above, but with smaller denser foliage.
2 year: 50 cts. each; $4.00 per 10.

ARISTOLOCHIA Sipho. (Dutch Pipe.) Although the brownish, pipe-shaped flowers are interesting, the immense heart-shaped leaves are the important feature, furnishing as they do the most complete screening leafage of any cultivated trellis vine. Of thrifty growth, uniform, shingle-like arrangement and dependable hardiness, they serve conspicuously for shade or ornament, in either sun or shade. Heavy 2 year: $1.00 each; $9.00 per 10.

BIGNONIA Radicans. (Trumpet Flower.) A robust woody vine; twining tightly with numerous roots along stems. Its orange scarlet, trumpet-shaped flowers cluster at tip of branches. Leaves light green. Will climb to great heights on trunks of trees, and for every purpose is one of the best vines. 2 yr.: 50 cts. each; $4.50 per 10.

CELASTRUS Scandens. (Bittersweet.) Handsome glossy foliage, creamy flower tufts well distributed in July, and large clusters of beautiful, orange crimson fruits retained all winter. Its graceful sprays of berries make charming winter house decorations. A popular vine for covering rough fences. 2 yr.: 50 cts. each; $4.50 per 10.

CLEMATIS. Grand for pillars and trellises, pegged down for bedding and for running over rockwork, old trees and stumps. They delight in rich soil, and sun, with moderate annual growth.

Large Flowered Varieties

—Henryi. Creamy white.
—Jackmani. Velvety, violet-purple.
—Mad. Ed. Andre. A distinct crimson red.
—Ramona. Deep sky blue.
2 year: $1.00 each; $9.00 per 10.

Small Flowered Clematis

—Paniculata. (Sweet-scented Japan Clematis.) The flowers are of medium size, fragrant, pure white, borne in immense sheets in September.
2 yr.: 40 cts. each; $3.50 per 10; $30.00 per 100.
Mail size—30 cts. each; $3.00 per dozen.

VINES for COVERING BANKS and TERRACES

	Distance Apart to Set Plants
Ampelopsis Quinquefolia	4 to 5 feet
Bittersweet	4 to 5 feet
Honeysuckles—Halleana, etc	4 to 5 feet
Matrimony Vine	5 to 6 feet
Rosa—Setigera, and Wichuriana type	4 to 5 feet

VINES for CLIMBING

On porch, trellis, fence or wall. Those types which cling to wood, stone, brick or stucco are designated by a star (*); the rest twine or need support.

	Distance Apart to Set Plants
Akebia Quinata	6 to 10 feet
*Ampelopsis—in variety (Veitchi, 4 to 6 feet) (shade)	6 to 10 feet
*Bignonia Radicans (Trumpet Vine)	6 to 10 feet
Bittersweet (Celastrus Scandens)	6 to 10 feet
Clematis—in variety	6 to 10 feet
Dutchman's Pipe (Aristolochia Sipho) (shade)	4 to 6 feet
*Euonymus Radicans—in variety	4 to 6 feet
Honeysuckles—in variety (Halleana in shade)	8 to 10 feet
Kudzu Vine (Puereria Thunbergiana)	4 to 6 feet
Climbing Roses—in extensive variety	6 to 8 feet
Silver Lace Vine (Polygonum Auberti)	4 to 8 feet
Wisterias—in variety	8 to 10 feet

Clematis Paniculata

That which is ugly may be transformed into beauty with vines

EUONYMUS Radicans. One of the finest evergreen vines, with small, rich green foliage and pink fruits. For covering rocky banks, rough walls, tree-trunks, etc., also for vases, baskets and borders of beds. The **Trailing** type is narrow-leaved and compactly matting, used for general covering; the **Upright** is broader leaved and heavier wooded, used for bordering, either in its natural abandon, or formally sheared. In ordering, state which type.
2 yr.: 60 cts. each; $5.00 per 10; $40.00 per 100.

——**Marginatus.** The broad leaved upright type further beautified by a variable border of white.
15 to 18 inches. 60 cts. each; $5.00 per 10.

——**Variegatus** (Trailing). Foliage edged with creamy white, which takes on a pinkish tinge in winter.
18 to 24 inches: 65 cts. each; $5.50 per 10. 24 to 30 inches: 80 cts. each; $7.00 per 10.

KUDZU VINE. Large foliage and dense shade. growing 50 feet in one season. Flowers plentiful in August; rosy-purple, pea-shaped—in small racemes. A truly remarkable, handsome and serviceable porch vine wherever it is hardy enough to withstand the cold winters. Not reliably safe north of the Ohio river.
2 yr.: 40 cts. each; $3.50 per 10.

LONICERA. (**Honeysuckle.**) Their vining qualities are excellent, but the delightful fragrance of their flowers makes their strongest bid for favor.

—**Aurea Reticulata.** (Golden-Leaved Honeysuckle.) Flowers yellow and fragrant.
50 cts. each; $4.00 per 10.

—**Belgica.** (Monthly Fragrant.) One of the prettiest, with numerous sprays of red and yellow.
70 cts. each; $6.00 per 10.

—**Halleana.** (Hall's Honeysuckle.) Color, an intermingling of white and yellow; extremely fragrant and most satisfactory. Gets along fairly well in partial shade and is used extensively as a ground cover.
2 yr.: 50 cts. each; $4.00 per 10; $35.00 per 100.
Mail size: 35 cts. each; $3.50 per dozen.

—**Sempervirens.** (Scarlet Trumpet. Hskl.) Trumpet-shaped flowers of bright scarlet.
60 cts. each; $5.00 per 10; $40.00 per 100.

LYCIUM CHINENSE. (Chinese **Matrimony Vine.**) A general utility hardy climbing vine that will overcome any obstacle to growth and flourish everywhere. Every new shoot produces handsome purple flowers and later a prodigious crop of scarlet berries nearly an inch long Is a practical carpet vine and highly efficient as a bank retainer on reasonable slopes; each joint that presses into the soil taking firm hold and establishing a colony of deep and spreading roots.
2 yr.: 40 cts. each; $3.50 per 10; $30.00 per 100.

POLYGONUM AUBERTI. (Silver Lace Vine.) This is the latest addition to our list of practical hardy vines, a quick-growing type of twining habit averaging 25 feet in a season. The small, cordate foliage is fresh and shiny, although the base of stalk becomes somewhat woody. Produces more bloom than any other hardy vine, covering a season extending from late summer into the fall with an extravagance of large, foamy sprays in silvery white.
2 yr.: 80 cts., each; $7.50 per 10.
Mail size: 50 cts. each; $5.00 per dozen.

WISTERIA. Sinensis. One of the handsomest subjects for use on pergolas, porches and trellises; with attractive foliage and magnificent dense drooping clusters about 12 inches long, of pea-shaped flowers, crowning the top.
—**Blue.** 2 yr.: 80 cts. each; $7.50 per 10.
—**White.** 2 yr.: 80 cts. each; $7.50 per 10.

HARDY Field Grown ROSES

FAMOUS THE COUNTRY OVER

New Varieties - Old Favorites - Jubilee Prices

Index and Price List for All Roses,—See Page 31

AS LONG as the Rose exists it will retain its dominant grip upon the affections and appreciation of the human race. We have developed the Rose as one of our leading specialties. annually devoting to the propagation and nurture of strong, hardy types, 60 acres of the best rose soil outdoors.

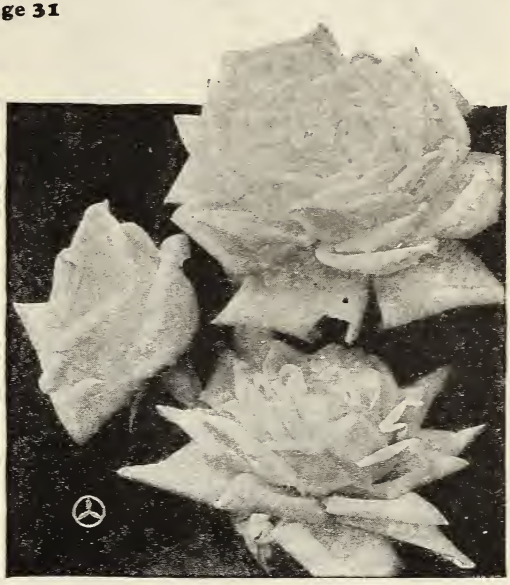
Our Roses are two-year, hardy, field-grown plants, full of vigor. Stronger roots and stronger tops make for better blooms and more of them. Our Julilee stock is the finest in our history. Our special Jubilee Rose Offers are the best values obtainable in quality rose plants.

Complying with the often expressed wishes of many patrons, who desire their Rose bushes cut back properly, all ready to plant, we furnish **all Dormant Bush Roses to you whether by mail or express, trimmed ready to plant.**

Price of Roses is stated for each and for 10, shipped by mail at our expense; and for 10 and 100 by express, charges not prepaid.

Special Price following certain varieties is for one rose by mail, reducible in same proportion as used in general price statement, for greater quantities.

5 accepted at 10 rate; 25 at 100 rate.



The Charming New Edel Rose—See page 20

Everyone Loves Roses

Treatment on Arrival. If upon arrival the roots seem to be very dry, soak them thoroughly in water; if the stems as well are too dry, bury the entire plant in the ground for two or three days. At no time after unpacking should the roots be exposed to the sun or dry winds, a very little neglect at this time working serious if not fatal injury to the bush.

Planting. In preparing a Rose Bed, select a sunny location guarded from cold north winds, if possible. Dig out the beds to a depth of two or three feet and about three feet in width; then refill the trench with a mixture of soil (any good fertile soil will do) and well rotted cow manure, making provision for good drainage if location is not naturally drained. Time should be allowed for this filling to settle, the final top surface being an inch or two below the edges of the bed. Do not raise the surface of Rose beds above the surrounding surface. They suffer less from drought when left level with the turf. Plant your Roses in the center, being very particular to press and tamp the soil firmly around the roots and soaking the bed thoroughly at the finish. The Everbloomers may be set 18 inches apart, the Hybrid Perpetuals about 2 feet. After the plants have been set out, keep the soil loose to the depth of an inch or two, by frequent stirrings. An occasional soaking with weak manure water is a great help to Roses of all sorts, and is especially active during the blooming season. Towards the end of July, a mulch of long-strawed manure will aid in preserving what moisture is in the soil during the customary droughts of the "Dog Days."

60 acres were devoted to growing our Jubilee crop of Roses

TEA *and* HYBRID TEA *Two-Year Field Grown* ROSES

General List—New and Old Together

CAREFUL selection of choice, well known, and new Garden Roses which, although classed as hardy, should be given winter protection in the North. These types are popularly termed **"Everblooming Roses."** By this no one expects them to bloom continuously, but as compared with the Hybrid Perpetuals and other classes, their blooming activities extend over the longest period. As Garden Roses, they usually commence in June, continuing their bloom until Autumn frosts suspend the flow of sap. The several varieties of Pernetiana class are included, marked (Per.). The few Tea varieties are so noted.

PRICES: **Unless noted: by mail, $1.00 each; $9.50 per 10. By express, collect, $9.00 per 10; $85.00 per 100.**

Allen Chandler. A strong-growing, branchy pillar type of vivid color effect. Large, open-faced flowers in profusion; velvety cardinal-scarlet, enriched by visible golden stamens at center.

American Beauty. Deep pink, approaching crimson, of exquisite form and fragrance, and large size.

Betty. Exquisite copper-pink buds, opening to buff-pink.

Betty Uprichard. See illustration in color on inside front cover. One of those delightfully contrastive types; the outside a blend of deep toned carmine with coppery orange; the interior a delicate salmon pink. Strong garden variety, sweetly fragrant.

Briarcliff. A bright, clear, Columbia shade of rose-pink, actually typical of Columbia but vastly improved. A high-pointed center with few imperfect flowers, sweetly scented. Vigorous, hardy growth. Dark foliage resistant to mildew. $1.10.

Charles K. Douglas. See illustration in color on inside front cover. An English rose of vigorous upright growth, and liberal, fragrant bloom which is of delightful form. Color, a flaming scarlet flushed with velvety crimson. $1.25.

Clovelly. Tall, shiny foliage and red stems. Bright rose pink with salmon base, the large open flowers quite showy. $1.25.

Columbia. A beautiful, true deep pink which is enduring.

Earl Haig. Remarkable fragrance, freedom, and unfading cherry-crimson color. Permanent high-built center, with thick rolling petalage; a type rare among red roses. $1.25.

Edel. The flowers are of noble size, deep, close-centered, with many petals; ivory at base but otherwise purest white, the broad roll of edges frost like. One of the surest and most continuous bloomers, with satisfactory growth and foliage. $1.25.

Charles K. Douglas

Eldorado

Eldorado. A true yellow even to the end, having diminished in strength uniformly, from the first richness of its red-orange bud. Fully double and of pleasing form. $1.25.

Elvira Aramayo—See page 21

THE LITTLE ROSE BED

Five Pairs of Popular Everbloomers for Bed 3 ft. by 7½ ft.

2 White Killarney (see page 23)	$ 2.00
2 Pink Radiance (see page 23)	2.00
2 Red Radiance (see page 23)	2.00
2 Jonkheer J. L. Mock (see page 22)	2.00
2 Mme. Butterfly (see page 23)	2.00
Catalog Price	$10.00

These 10 Field-Grown Roses Mailed Free for $8.00

Our Hybrid Tea Roses are matured; they will bloom the first season

Elvira Aramayo. A flaming, arresting color newly applied to roses, as "Indian red." This seems to be a unique association of orange-carmine, with tones of madder, salmon, and pink. The buds are long and pointed, plentiful, opening into large flowers of cactus shape with some quilled petals; showy garden type; straight stems and bushy growth. $1.10.

Etoile de France. Velvety garnet-red cup, with center of vivid cerise. Flowers very large and full, with marked imbrications. Fragrance and sturdy growth especially recommend it as a garden rose.

Francis Scott Key. Red, shading to cerise; very large with a profusion of petals opening to a high center. A splendid forcing variety.

General MacArthur. Dazzling crimson-scarlet exquisitely perfumed. One of the grandest red forcing roses, and also popular for bedding.

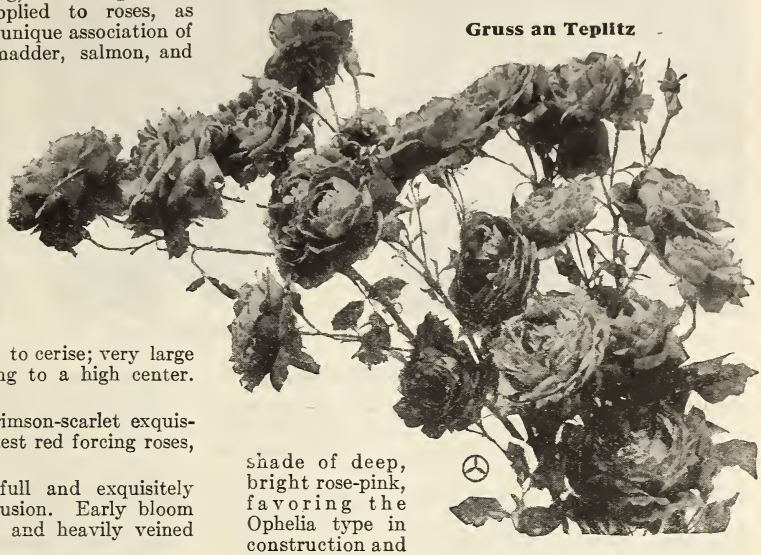
Gorgeous. Flowers very large, full and exquisitely formed, produced in endless profusion. Early bloom the best. Coppery pink, flushed and heavily veined with reddish orange.

Gruss an Teplitz. Tall growing, showy bedder, with reddish stems, and unlimited bloom; intense velvety crimson-red.

Hadley. Superb flowers and dependable bushy growth; color deep, velvety crimson-scarlet.

John C. Mensing. See illustration in color on inside front cover. A lovely shade of deep, bright rose-pink, favoring the Ophelia type in construction and habit. An excellent forcing kind with long buds, perfect flowers and sweet fragrance. $1.25.

Gruss an Teplitz



John Henry. An extremely deep flower of heavy bulk and substance, borne freely, deep carmine-pink. $1.50.

John Russell. Of all recently introduced red roses this is probably the most generally pleasing. The fully double flowers are large and solid, produced in abundance on strong stems; the foliage attractively dark and shiny. Quite hardy. Vivid red with velvet cardinal shadings. $2.00.

INDEX AND PRICE LIST ON PAGE 31

How to Prune Roses

The weak shoots and surplus wood are removed by us before sending stock out, so that what the customer gets is all ready to plant. Every Spring, usually the fore part of March, just before the leaf buds begin to swell, the winter covering should be gradually removed, and the bushes pruned.

Hybrid Perpetual Roses should be cut back, every shoot, to about 6 to 8 inches above the crown or that above the roots where the stem begins to branch. Teas and Hybrid Teas need not be cut back quite so hard; the Polyanthas not at all unless stems are too numerous.

The Rugosas are pruned merely to keep their growth within bounds and to remove dead wood; the Hardy Climbers are merely trimmed; and inasmuch as their bloom comes only on wood made the season before, the safest and most beneficial time for pruning is immediately after their blooming season and before they make new summer growth. Suckers from the Manetti stock should be cut off at once, and may be recognized by a difference in color and arrangement of seven leaves, instead of five, as in almost all varieties of Roses. Do not be afraid of the knife; the flowers will be larger and richer in color, and the bed more sightly.

Getting Roses Ready for Winter

Cover the bed at least 6 inches with leaves or manure; a binding surface of dirt, corn stalks or boughs on top. A convenient method is to confine this dressing by an enclosure of 12-inch chicken wire.

Spraying Roses

While healthy and vigorous plants are not especially susceptible to disease or pests, some pests will appear. For the leaf-eating insect, chafers, slugs and beetles, use arsenate of lead. For aphis or leaf hopper, use kerosene emulsion. For diseases such as leaf spot or mildew, use bordeaux mixture. Potassium sulphide, one ounce to three gallons of water is excellent to control mildew.

John C. Mensing

Jonkheer J. L. Mock

Laurent Carle

Lady Hillingdon

TEA and HYBRID TEA ROSES—Cont.

Jonkheer J. L. Mock. Big, full flowers distinctively shaped like an overflowing cup. Bright, cherry-carmine, the interior faced with silver-white, which the broad roll of the petals exposes. An excellent bedder.

Juliet. (Per.) Fine flowers; petals gold outside, inside rich, rosy red deepening as the flower expands.

Kaiserin Augusta Victoria. Full double flowers; delicate creamy white; deliciously fragrant.

Killarney. Bright, carmine-pink, marbled in creamy white, with petals large and durable, the buds extremely long.

Lady Hillingdon. Strong apricot yellow buds, still pale yellow when open, with an added orange tinge.

Lady Ursula. Plant a strong grower, producing abundant clean, flesh pink flowers with little noticeable shading.

La France. (Tea). Delicate silvery rose, shaded with cerise-pink, often silvery pink with peach shading.

La Tosca. Pearl-pink with deeper center.

Laurent Carle. Brilliant, velvety carmine.

Los Angeles. Flowers large and continuous, in color a flame-pink, toned with coral and shaded with translucent gold at the base of petals.

Luxemburg. A fine, large, fully double rose of vigorous branching habit, and unusual freedom for the color, which is a rich golden yellow.

Maman Cochet. Deep rose-pink; inner side of petals silvery-rose. Flowers are very double.

Miss Lolita Armour. The flowers are of large size, fully double, deliciously fragrant, with petals of great substance. The plant growth is strong and vigorous, productive of much and continuous bloom. Inadequate description of its colors in the fully expanded stage, fixes the basic color as deep coral with a golden and coppery red suffusion; the base of petals a rich golden yellow with copper-red sheen.

Mme. Butterfly. A symphony of cream, pink, apricot and gold. The buds are a rich Indian red, yellow at base; a delightful element in the constant mass of bloom.

Mme. Caroline Testout. One of the very best of its class; silvery rose, deepening at center to pale cherry-red.

Mme. Edouard Herriot. (Per.) A glorious commingling of terra cotta, bronze, geranium red and dull copper; fine, long, pointed buds of coral-red and yellow. Strong, upright growth.

Mrs. Aaron Ward. Deep golden orange, shading to cream; the standard yellow, small-budded "corsage rose." $1.25.

Mrs. Ambrose Ricardo. Deep yellow, overlaid cream and pink.

Mrs. A. R. Waddell. Very deep, rich apricot-yellow.

Mrs. Chas. Bell. Soft shell pink with a salmon background. It retains its full globular shape an unusually long time.

Mrs. J. C. Ainsworth. The buds are daintily pretty—warm peach blossom pink tipped mauve-white—the opened flowers revealing an almost crimson heart.

Mrs. Prentiss Nichols. Exceptionally strong growing and sturdy, with dark, leathery foliage. The flowers are large and well-formed, borne profusely; brilliant, deep pink.

Mrs. Redford. A fine new rose, distinctive and very desirable, with varnished, healthy foliage; a radiant apricot-orange.

Mrs. Wakefield Christie-Miller. Large, globular bloom, delicately blushed pearl with salmon shadings; the outside a warm suffusion of rose and vermilion.

Ophelia. One of the most beautiful and popular, with perfect flowers of distinct form, lavishly produced; white, tinted and shaded with salmon, flesh, rose and yellow.

COMPLETE INDEX and PRICE LIST PAGE 31

TEA and HYBRID TEA ROSES—Cont.

Pink Pearl. Brilliant cerise-pink with heavy gilding at base; the flowers of charming form and character, with a fragrance unforgettable. $2.00.

Pres. Cherioux. Very large, full, globular flowers borne freely on long stems, amidst attractive bronze-green foliage. The rich, warm coloring is prawn-red deepening to coral-red at center, with a strong yellow at base of the petals. $1.25.

Radiance. Extra hardy, vigorous and prolific; one of the best all-round Garden Roses. Its color is a beautiful blending of carmine-rose with shades of opal and copper. The two Radiance varieties are always in bloom; at home in every section of the country.

Red Radiance. The globular, heavy-stemmed "Radiance" type; a brilliant crimson.

Red Letter Day. Single or semi-double cactus-like flowers, a glittering unadulterated scarlet-crimson clear through.

Soleil d'Or. (Per.) A fine hardy outdoor Rose; the large, full flowers colored gold and orange-yellow, varying to ruddy gold suffused with Nasturtium red.

Souv. de Claudius Pernet. (Per.) See illustration in color on inside front cover. The most satisfactory yellow rose ever produced. A decided and comparatively unfading sun-flower yellow even deeper toned at center. Its flower form is large and full with elongated petals; the buds long and pointed. In growth it is vigorous, erect and branching, with brilliant foliage and almost thornless stems.

Sunburst. Very select, with long spiral buds; a lovely bronzy yellow fading to apricot.

Una Wallace. Very desirable habit, form and freedom; color, a soft cherry-rose absolutely unshaded.

White Killarney. A duplicate of the charming pink Killarney, with flowers white as snow.

White Maman Cochet. Pure white, tinged sometimes with a pink blush. An exquisite rose.

Wilhelm Kordes. See illustration in color on inside front cover. A magnificent product from crossing "Ophelia" with "Gorgeous." The plant is healthy, with strong, straight shoots and gleaming masses of reddish leaves. The abundant bloom is golden yellow flushed with orange and copper-red when fresh; but a veritable sunset at the close, with a broken background, and straggling rays of red. $1.25.

Mme. Butterfly

Diamond Jubilee Anniversary SPECIAL OFFER

ROSE COVER Collection of Choice Hybrid Tea Roses

Five distinct, choice, new varieties. These are recommended for continuous bloom in temperate zone.

(1) John C. Mensing....$1.25
(2) Souv. de C. Pernet... 1.00
(3) Chas. K. Douglas.... 1.25
(4) Betty Uprichard..... 1.00
(5) Wilhelm Kordes..... 1.25

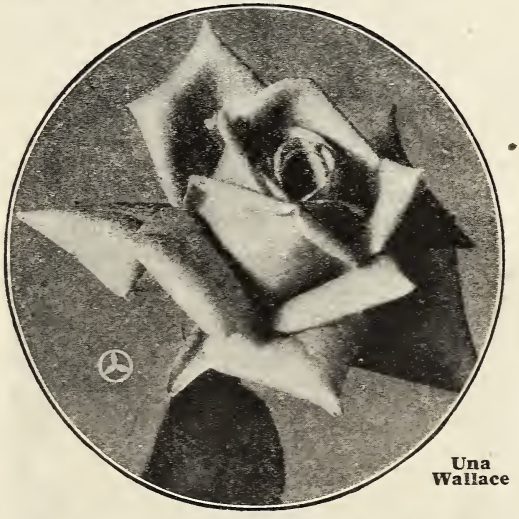
Catalog Price $5.75

One each of these five new Roses, 2 yr. field-grown. Mailed FREE for $4.75

William F. Dreer. Soft, silvery shell pink, at times creating a golden illusion through reflection from the base of petals which are definitely gilded. A magnificent vase type at its best as buds, and when half expanded.

Willowmere. (Per.) A robust garden Rose of bushy habit, with beautiful buds, very large flowers and lustrous green foliage. Color rich shrimp pink, shaded yellow at center and toning to cream-pink toward base of petals.

PRICES: Foregoing, unless noted: By mail, $1.00 each; $9.50 per 10. By express collect, $9.00 per 10; $85.00 per 100.



Una Wallace

"Three Summers of Satisfaction"

August 25, 1928.

Dear Sirs:

About three years ago I purchased a special collection of six Hybrid Rose Bushes from you, and have now had three summers of satisfaction from them. The flowers this summer have been abundant and immense in size. I hope to enlarge my bed the coming spring so you may hear from me again.

Yours truly,
Mrs. M. Weller,
208 W. State St., St. Johns, Mich.

You would be pleased with any of our Jubilee Rose Offers. Why not order?

Geo. Arends

Paul Neyron

HYBRID PERPETUAL ROSES

Always Dependable

THESE are the "June Roses" so admirably suited for garden culture, the formation of Rose beds, hedges, etc. In June and July these lovely Roses are brilliant with great, intensely perfumed flowers of richest colors, far exceeding the other classes in size and vivid effect.

Alfred Colomb. A very perfect blossom, strawberry-red. A very fragrant flower, globular in shape.

Anna de Diesbach. Brilliant rose-pink; large.

Baron de Bonnstetten. Dark red shaded maroon.

Capt. Hayward. High built; crimson-carmine.

Clio. Satiny blush white, tinged rose pink.

Earl of Dufferin. Thick petaled globes, velvety crimson-maroon.

Eugene Furst. Velvety crimson garnet clusters.

Frau Karl Druschki. The regal "White American Beauty." The distinctive form and expression of its bud, half opened state and maturity are a three-fold revelation of exquisite charm and beauty. Large flowers of waxy paper white in June; yielding their final outburst with the first snow of fall.

Gen. Jacqueminot. ("Jacq. Rose.") The oldest reliable red; free blooming, rich crimson scarlet.

George Arends. Often called "Pink Druschki." Flowers are deliciously fragrant, large, and of a beautiful pink coloring. Plant vigorous and bears abundantly.

J. B. Clark. Deep scarlet overlaid with crimson.

John Hopper. A beautiful dark pink.

Jubilee. Pure red, shading to crimson and maroon.

Magna Charta. Early blooming, bright rose-pink.

Marshall P. Wilder. Bright cherry-carmine, very fragrant.

Mme. Albert Barbier. A magnificent new variety of fully double formation, great freedom, and extra long blooming season. Pearl white suffused with blush pink, the golden apricot glow from base and center richly illuminating. Low compact growth. $1.00.

Mrs. J. H. Laing. Soft, delicate pink, with satin cast.

Mrs. R. G. S. Crawford. Deep rosy pink, edge lighter.

Paul Neyron. One of the finest hardy Roses ever grown. It blooms intermittently from June to November, on long, smooth, thornless stems, furnishing a vast quantity of uniform flowers 4 to 6 inches across. Color a bright ruddy pink. Particularly good in Autumn.

Ulrich Brunner. Fine form and popular; cherry-red.

Except noted: by mail, 90 cts. each; $8.50 per 10. By express collect, $8.00 per 10; $75.00 per 100.

See complete index and price list of Roses, page 31

CLIMBING ROSES—*Hardy Varieties*

Including the famous "Rambler Roses" the "Pillar Roses" and the "Japanese Trailing Roses"

YOUR yard or garden may be too small to warrant the outlay of space sufficient to express your appreciation of Roses in bush form. Hardy climbing types (which include those modern varieties called "Ramblers") need only a foothold; the long trails will twine and cling to any little trellis assistance, and spread charming clusters over yards of wall space, and will hang in festoons along the eaves of your porch roof.

Unless noted: by mail, 80 cts. each; $7.50 per 10.
By express, collect, $7.00 per 10; $65.00 per 100.

Alberic Barbier. Long, pointed buds of sulphur yellow, opening into handsome creamy white flowers. Growth is rapid, but slender, well clothed with glossy dark green leaves.

American Pillar. The single flowers range from 2 to 3 inches in width, arranged in mammoth, evenly rounded clusters. Brilliant carmine-rose, with distinct cream variegation and yellow stamens at center.

Aviateur Bleriot. Exquisite little buds of saffron yellow shaded apricot; opening to a lighter tone. The bloom occurs in open clusters, emitting an unusual magnolia fragrance.

Chastity. A new white, the flowers shaped like an H. T., with high center and good substance. Popular in England as a general purpose pillar rose. $1.00.

Climbing American Beauty. Healthy foliage and strong growth; the abundant bloom as lovely and deeply pink as the bush form.

Crimson Rambler. The famous crimson clustered climber.

Doctor Van Fleet. A mass of beautiful clustered buds, which open out into large, shapely, solitary flowers with stems 12 to 18 inches long; delicate flesh white.

Dorothy Perkins. The ideal pink rambler; flowers densely quilled and numerous, a beautiful shell pink. Good foliage and habit.

Crimson Rambler (Type)

Climbing roses are the most beautiful of all vines

CLIMBING ROSES—Contd.

Emily Gray. Unique foliage, thick, dark and glossy, the youngest leaves and twigs bright crimson. A vigorous grower, producing normal clusters of ten rather large flowers. The wonder of it, however, is its flower color; true, full yellow, strong in the bud, a shade or two lighter when full-blown. Needs special protection in our latitude, against zero weather. $1.00.

Eugene Jacquet. (New). Fragrant cherry-red flowers borne profusely in very large clusters. This is a fine rapid climber.

Evergreen Gem. Dense, bronzy green foliage; double flowers creamy white. A fine ground cover.

Excelsa (Red Dorothy Perkins). Radiant, blood-red clusters fairly covering the thrifty vines.

Flower of Fairfield. The "Ever-blooming Crimson Rambler"; commencing to bloom on the first young red shoots.

Gardenia. The tight, very numerous, little yellow buds, are beautiful in early summer, the flowers opening up creamy white. Vigorous trailer.

Goldfinch. Semi-double, in full clusters; lemon yellow.

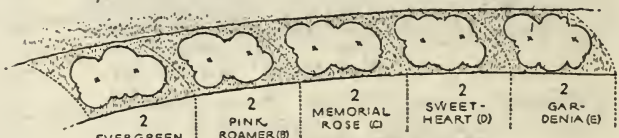
Hiawatha. Small flowers—deep ruby crimson, accentuated by a white eye—uniquely borne in long trails of 40 to 50 blooms.

La Reve. A new yellow pillar rose of deep, unfading color, throwing out beautiful sprays in great abundance during June. Nearly identical with "Star of Persia," but has a longer season of bloom, and by some critics considered better. $1.00.

Two Ways **Hardy Climbing Roses** **To Use**

These two planting schemes are part of S. & H. Diamond Jubilee SERVICE — at Jubilee Bargain PRICE.

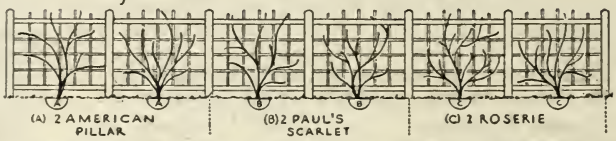
30ft EMBANKMENT COVER WICHURIANA ROSES



The Set of 10 2 Year Field-Grown Roses

(Value $7.50) Mailed Free for $6.50

30ft. FENCE ADORNMENT PILLAR ROSES



The Set of 6 Hardy 2 Yr. Field-Grown Plants

(Value $4.80) Mailed Free for $4.00

Mary Wallace. (New). Although a good pillar rose, it becomes self-supporting and makes an ideal door-yard bush. The flowers are semi-double, bright clear rose-pink with salmon base. These are often 4 inches wide; appearing intermittently during the season, following their first glorious outburst in late spring. $1.00.

Papa Gouchalt. Extra hardy, healthy and mildew free. Color holds without fading under all weather conditions; pure crimson, in fine clusters of 15 to 20 handsome flowers.

Paul's Scarlet Climber. Scarlet, shaded crimson; large, semi-double, holding after many June bloomers have dropped their petals.

Pink Roamer. Large, single, in striking clusters; pink, with white center. One of the prettiest ground covers.

Red Explorer. A new climbing polyantha of vigorous habit the blood red bloom a counterpart of the dwarf Edith Cavel. $1.00.

Roserie. (Pink Tausendschön). Persistently deep, glowing pink. An excellent forcing variety.

Silver Moon. Four to five inch semi-double flowers; pure white with thick clusters of yellow stamens.

Sweetheart. Rosy pink, produced freely and continuing in bloom a long period of time. A thick matting Japanese trailer.

Tausendschön. Its innumerable flower clusters make a pretty show; at first soft pink and white, later deepening to carmine-rose.

White Dorothy. A magnificent cluster rose, with good strong virility and climbing habit, the vines a sheet of white during blooming period.

Rosa Wichuriana (Memorial Rose). Type of the Japanese Trailing group. Pure white single flowers in July. The evergreen, lustrous, dense and healthy foliage of this species, makes them indispensable for ground covering and shallow bedding. They bloom profusely during a long season and brighten the early winter months with conspicuous fruits and still green foliage. Although trailing in tendency, every variety yields readily to upright training.

Unless noted: By mail, 80 cts. each; $7.50 per 10. By express, collect, $7.00 per 10; $65.00 per 100.

Tausendschön—"The Rose of a Thousand Beauties"

Climbing Roses as Vines

Vines are primarily expected to provide leaf covering for bare walls and other surfaces, but at certain seasons their function is splendidly increased by masses of bloom. Although separately classed and considered, the many beautiful types of HARDY CLIMBING ROSES are prominent as an auxiliary to other vines; their clustered flowers bridging the gaps of early summer, with an extravagance of brilliant colors; their polished leaves and twiggy canes equally useful merely as vines.

Steps bordered with Wichuriana Roses

MOSS ROSES

A beautiful species distinguished by the moss-like covering of their buds. Vigorous, stocky growth, lustrous foliage and perfect hardiness; the flowers usually large and bloom exceptionally long.

Countess of Murinais. White, beautifully mossed.
Crested. Deep pink buds, surrounded by a mossy fringe and crest; exquisitely fragrant.
Deuil de Paul Fontaine. Deep crimson; constant.
Glory of Mosses. Glossy pink tinged crimson.
Henri Martin. Rich glossy pink tinged with crimson.
Luxembourg. Bright crimson.
Salet. Light rose, large and full; late.

By mail, 85 cts. each; $8.00 per 10.
By express, collect, $7.50 per 10; $70.00 per 100.

FERTILIZERS AND SPRAYS FOR ROSES

On page 140 we list good fertilizers for the rose bed, put up in convenient and desirable form. All roses respond with flowers to properly fertilized soil. Spray roses with arsenate of lead for leaf-eating insects, chafers, slugs and beetles. For aphis or leaf hopper, use kerosene emulsion. For diseases such as leafspot or mildew, use bordeaux mixture. Potassium sulphide, one ounce to three gallons of water is excellent to control mildew. Spray materials, page 140.

HYBRID POLYANTHA

"Fairy" or Baby Rambler Roses

Called the "Baby" Ramblers on account of their very short, close growth as compared with the long-known trellis climbers, the clustered flowers being identical. **As Pot Plants,** the varied types make wonderful forced specimens for winter decoration; **In summer,** their brilliant clusters lay ribbons of color along the garden borders from June till fall. They seldom grow higher than 18 or 24 inches, and spread never over two feet. For continuous edging, set plants 15 to 18 inches apart.

Crimson Baby Rambler. The original of the group.

Baby Tausendschön. A prevailing flesh-pink color.

Chatillon Rose. (New). Wonderful sprays of truly beautiful semi-double flowers which last long in water. The florets average about 1¾ inches in diameter, each heart-shaped petal distinctly lobed. The color is a charming silvery crimson fading away to flushed white at the center.

Ellen Poulsen. A very free and vigorous type, with large, full, sweet scented clusters of dark pink.

Erna Teschendorf. Deep unfading crimson.

Girlie. A charming new variety with heart-shaped petals; at first a warm red, opening up as a deep pink modified daintily by the revealed golden center, and a distinct small white aureole. $1.00.

Ideal. Notable for its phenomenal quantity of bloom, and rich garnet-red color.

Lady Reading. The splendid forcing and bedding type so well known and appreciated in "Ellen Poulsen", is carried on by this new variety, with larger and more perfect flowers, the color a strong unmixed, unfading cherry-red.

La Fayette. Loose clusters; its individual flowers 3 inches wide, semi-double and prettily ruffled, strung together in great branching sprays of as many as forty. Brilliant cherry-crimson color.

Miss Edith Cavell. Crimson, with distinct white eye.

Orange King. A novel break from the usual polyantha colors, this new variety being a strong orange-salmon shade. The trusses are large, with beautiful ruffled florets. $1.00.

Orleans. Small, fairly double flowers in large compact corymbs; bright red with a blur of white at center. Plant is sturdy and healthy and a profuse bloomer.

Red Orleans. The red is a deeper shade and more prevalent, the white center being consequently less distinct.

Princess Juliana. Outdoors, just another good pretty pink and white dwarf bedder; but indoors, forced for sprays or for pot-bloom, its beauty is irresistible. A dainty combination of maiden blush, peach pink and ivory, the florets prettily waved and strung along the much-branched sprays in joyous abandon. 90 cts.

Triomphe Orleanaise. Much the same shade of crimson as Baby Rambler, but larger flowered.

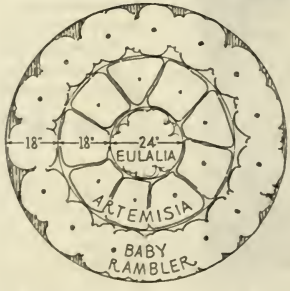
Lady Reading

Verdun. Thickly clustered, good sized cupshaped florets, brilliant, pleasing shade of cherry-crimson. $1.00.

Unless noted: By mail, 85 cts. each; $8.00 per 10.
By express, collect, $7.50 per 10; $70.00 per 100.

Princess Juliana

BABY RAMBLER OFFER



Border to 8 ft. Circle

Try this charming effect, enclosing a perennial bed with everblooming dwarf Roses.

1 Eulalia Gracillima	$ 0.20
9 Artemisia Silver King	1.87
15 Red Baby Ramblers	12.00
Catalog value	$14.07

The Set, Mailed Free for $12.50

You may discard the Eulalia Grass some time, for Bird Bath.

For all-summer bloom, and long life, plant these Baby Ramblers

RUGOSA ROSES

Rosa Rugosa and Its Hybrids

A valuable perfectly hardy type much used in landscape work, agreeable to location in partial shade; the heavy wood and shrubby formation adapting it to hedges and hardy borders, or to mixed shrubbery groups. The foliage is lustrous, dark green, usually corrugated, and is impervious to attacks of insect pests. Flowers are borne in clusters of varying size and construction, and are succeeded by winter persistent fruits.

Rosa Rugosa Rubra. Single flowers, rosy crimson; orange-scarlet fruits.
Mail, 80 cts.; $7.50 per 10.
Express, collect, $7.00 per 10, $60.00 per 100.

Agnes Emily Carman. Flowers large, semi-double; rich crimson.

Anthony Waterer. Semi-double flowers of deep crimson; a good landscape variety.

Belle Poitevine. Every tip laden with immense pink bouquets.

Chas. Fred'k. Worth. Attractive, deep green foliage, denser and darker than the other Hybrids; flowers deep crimson with carmine shadings; fairly double.

Conrad Ferd. Meyer. An early flowering Hybrid combining the ornamental qualities of its Rugosa foliage with the blossom beauty and perfume of the Hybrid Perpetuals. Flowers large, cup-shaped and double; of a delicate silvery pink.

F. J. Grootendorst. ("The Baby Rambler Rugosa Rose.") Typical rugosa foliage, health and habit, of compactly bushing, moderate growth; but revealing its baby rambler cross-derivation in the form, color and season of its bloom. Not only suitable for association with medium shrubs, like other rugosas, but on account of its remarkable bloom and superior bush character, deserves more prominent exhibition, either as a single specimen or in a separate massed group. The bloom is in clusters of over-sized, fairly double red flowers resembling the Crimson Baby Rambler, which, like this type, produces from early summer till fall. $1.00 each.

Hansa. A showy hybrid with abundant large, double, reddish-violet flowers; rampant growth.

Rosa Rugosa Rubra

F. J. Grootendorst

Mme. Georges Bruant. Semi-double pure white, produced freely in showy clusters.

Parfume de L'Hay. Bright red flowers very freely borne. The unusual charm of this new variety lies in its intense, exquisite perfume. This quality gives it commercial value for the making of attar of roses.

Turk's Rugosa. Medium sized flowers of salmon-pink from orange-yellow buds. Pleasantly fragrant. This novelty rose is borne singly on a strong and very hardy plant. $1.00

Unless noted. By mail, 90 cts. each; $8.50 per 10. By express, collect, $8.00 per 10; $75.00 per 100.

Conrad F. Meyer

Rugosas are splendid border shrubs—but too large to mix with Hybrid Teas in beds

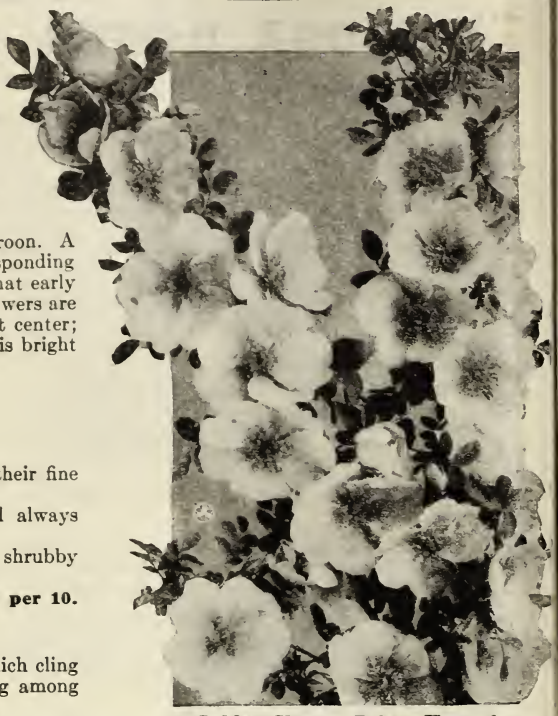
Miscellaneous Roses

NEW GOLDEN CHINESE BRIAR

Hugonis. A striking, unique, attractive shrub; at home in medium sections of the landscape groups, or conspicuously independent as solitary lawn clump. Last year's canes produce the crop of bloom, with clean, healthy foliage of the Briar type; but the new growth springing abundantly from the roots, is densely clothed in acacia-like leaves and bristles, all a reddish maroon. A matured bush may attain 6 feet in height, with corresponding spread. The sparkling buds begin to swell in April, so that early in May, Hugonis is a shimmering mound of gold. The flowers are single, flat to cup shaped, with charming stamen tufts at center; set snugly full length of the arching canes. Their color is bright and noticeable, ranging from deep gold, to canary.

By mail, $1.00 each; $9.50 per 10.

By express, collect, $9.00 per 10; $85.00 per 100.



Golden Chinese Briar—Hugonis

AUSTRIAN BRIARS

For tucking into odd spaces among the shrubbery, for their fine bush shape and richly yellow bloom.

Harrison's Yellow. Bright yellow; early flowering and always dependable.

Persian Yellow. An old favorite; very early, fragrant, shrubby type for the yard. Deep golden yellow.

Both varieties, Mail, 85 cts.; Express, collect, $8.00 per 10.

NATIVE or "WILD" ROSES

Pretty single flowers, and large, bright-colored berries which cling far into the winter. They are largely utilized for planting among shrubs, and to cover waste ground and fences.

Multiflora. Strong growing, with long arching canes covered with with white clusters in June.

Setigera. Useful for massing in picturesque hillside brambles; as borders to wildwood drives; as filling for dead corners; and with equal harmony, as a congenial mixer with shrubs and in single specimens. Setigera is a good fence and trellis climber, or occasional clipping will make a satisfactory bush. Large single flowers of rose pink.

By mail, 80 cts. each; $7.50 per 10.

By express, collect, $7.00 per 10; $65.00 per 100.

SPECIAL ROSE OFFER, 2ND COVER

The picturesque utility of Rosa Setigera

TREE or STANDARD ROSES

We presume most of our patrons understand that Tree Roses consist of a single upright stem top-grafted to some reliable variety. This reveals all the foliage and all the bloom in a rounded clump at the top of a 4-foot stem. They are very useful as borders to walks in a formal garden, or in any location where the show of bloom is desired at an elevation of from 3 to 5 feet. We offer them in **Pink, Red** and **White**—all free blooming varieties.

By express, collect, $3.00 each; $27.50 per 10.

Hugonis is the first rose to bloom in spring; the bush is always beautiful

PRICE LIST of HARDY FIELD-GROWN ROSES

Also an index, giving page location, and the class to which each variety belongs.

Abbreviations: "H. T." means Hybrid Tea; "H. P." means Hybrid Perpetual; "H. C." means Hardy Climber; "Poly." means Polyantha; "Pern." means Pernetiana; "R. H." means Rugosa Hybrids; "W. H." means Wichuriana Hybrids; the "Wild" roses are cultivated plants of the native types; "Aus." means Austrian Briar.

2-Year Field Grown Roses			MAIL		EXPRESS	
VARIETIES	P.	Class	Ea.	10	10	100
Agnes Emily Carman	29	R. H.	$0.90	$8.50	$8.00	$75.00
Alberic Barbier	25	W. H.	.80	7.50	7.00	65.00
Alfred Colomb	24	H. P.	.90	8.50	8.00	75.00
Allen Chandler	20	H. T.	1.00	9.50	9.00	85.00
American Beauty	20	H. T.	1.00	9.50	9.00	85.00
American Pillar	25	H. C.	.80	7.50	7.00	65.00
Anna de Diesbach	24	H. P.	.90	8.50	8.00	75.00
Anthony Waterer	29	R. H.	.90	8.5	8.00	75.00
Aviateur Bleriot	25	H. C.	.80	7.50	7.00	65.00
Baby Tausendschon	28	Poly.	.85	8.00	7.50	70.00
Baron de Bonnstetten	24	H. P.	.90	8.50	8.00	75.00
Belle Poitevine	29	R. H.	.90	8.50	8.00	75.00
Betty	20	H. T.	1.00	9.50	9.00	85.00
Betty Uprichard	20	H. T.	1.00	9.50	9.00	85.00
Briarcliff	20	H. T.	1.10	10.50	10.00	.....
Capt. Hayward	24	H. P.	.90	8.50	8.00	75.00
Charles K. Douglas	20	H. T.	1.25	12.00	11.50	.....
Chas. Frederick Worth.	29	R. H.	.90	8.50	8.00	75.00
Chastity	25	H. C.	1.00	9.50	9.00	.....
Chatillon	28	Poly.	.85	8.00	7.50	70.00
Climbing Am. Beauty	25	H. C.	.80	7.50	7.00	65.00
Clio	24	H. P.	.90	8.50	8.00	75.00
Clovelly	20	H. T.	1.25	12.00	11.50	.....
Columbia	20	H. T.	1.00	9.50	9.00	85.00
Conrad Ferd. Meyer	29	R. H.	.90	8.50	8.00	75.00
Countess of Murinais	27	Moss	.85	8.00	7.50	70.00
Crested	27	Moss	.85	8.00	7.50	70.00
Crimson Baby Rambler	28	Poly.	.85	8.00	7.50	70.00
Crimson Rambler	25	H. C.	.80	7.50	7.00	65.00
Deuil de Paul Fontaine	27	Moss	.85	8.00	7.50	70.00
Doctor Van Fleet	25	H. C.	.80	7.50	7.00	65.00
Dorothy Perkins	25	H. C.	.80	7.50	7.00	65.00
Earl Haig	20	H. T.	1.25	12.00	11.50	.....
Earl of Dufferin	24	H. P.	.90	8.50	8.00	75.00
Edel	20	H. T.	1.25	12.00	11.50	.....
Eldorado	20	H. T.	1.25	12.00	11.50	.....
Ellen Poulsen	28	Poly.	.85	8.00	7.50	70.00
Elvira Aramayo	21	H. T.	1.10	10.50	10.00	.....
Emily Gray	26	H. C.	1.00	9.50	9.00	85.00
Erna Teschendorf	28	Poly.	.85	8.00	7.50	70.00
Etoile de France	21	H. T.	1.00	9.50	9.00	85.00
Eugene Furst	24	H. P.	.90	8.50	8.00	75.00
Eugene Jacquet	26	H. C.	.80	7.50	7.00	65.00
Evergreen Gem	26	W. H.	.80	7.50	7.00	65.00
Excelsa	26	H. C.	.80	7.50	7.00	65.00
F. J. Grootendorst	29	R. H.	1.00	9.50	9.00	85.00
Flower of Fairfield	26	H. C.	.80	7.50	7.00	65.00
Francis Scott Key	21	H. T.	1.00	9.50	9.00	85.00
Frau Karl Druschki	24	H. P.	.90	8.50	8.00	75.00
Gardenia	26	W. H.	.80	7.50	7.00	65.00
Gen. Jacqueminot	24	H. P.	.90	8.50	8.00	75.00
General MacArthur	21	H. T.	1.00	9.50	9.00	85.00
George Arends	24	H. P.	.90	8.50	8.00	75.00
Girlie	28	Poly.	1.00	9.50	9.00	85.00
Glory of Mosses	27	Moss	.85	8.00	7.50	70.00
Goldfinch	26	H. C.	.80	7.50	7.00	65.00
Gorgeous	21	H. T.	1.00	9.50	9.00	85.00
Gruss an Teplitz	21	H. T.	1.00	9.50	9.00	85.00
Hadley	21	H. T.	1.00	9.50	9.00	85.00
Hansa	29	H. R.	.90	8.50	8.00	75.00
Harrison's Yellow	30	Aus.	.85	8.00	7.50	70.00
Henri Martin	27	Moss	.85	8.00	7.50	70.00
Hiawatha	26	H. C.	.80	7.50	7.00	65.00
Hugonis	30	Briar	1.00	9.50	9.00	85.00
Ideal	28	Poly.	.85	8.00	7.50	70.00
J. B. Clark	24	H. P.	.90	8.50	8.00	75.00
John C. Mensing	21	H. T.	1.25	12.00	11.50	.....
John Henry	21	H. T.	1.50	14.50	14.00	.....
John Hopper	24	H. P.	.90	8.50	8.00	75.00
John Russell	21	H. T.	2.00	19.50	19.00	.....
Jonkheer J. L. Mock	22	H. T.	1.00	9.50	9.00	85.00
Jubilee	24	H. P.	.90	8.50	8.00	75.00
Juliet	22	Pern.	1.00	9.50	9.00	85.00
Kaiserin Augusta Victoria	22	H. T.	1.00	9.50	9.00	85.00

2-Year Field Grown Roses			MAIL		EXPRESS	
VARIETIES	P.	Class	Ea.	10	10	100
Killarney	22	H. T.	1.00	9.50	9.00	85.00
Lady Hillingdon	22	H. T.	1.00	9.50	9.00	85.00
Lady Reading	28	Poly.	.85	8.00	7.50	70.00
Lady Ursula	22	H. T.	1.00	9.50	9.00	85.00
LaFayette	28	Poly.	.85	8.00	7.50	70.00
LaFrance	22	H. T.	1.00	9.50	9.00	85.00
LaReve	26	H. C.	1.00	9.50	9.00	85.00
LaTosca	22	H. T.	1.00	9.50	9.00	85.00
Laurent Carle	22	H. T.	1.00	9.50	9.00	85.00
Los Angeles	22	H. T.	1.00	9.50	9.00	85.00
Luxembourg	27	Moss	.85	8.00	7.50	70.00
Luxemburg	22	H. T.	1.00	9.50	9.00	85.00
Magna Charta	24	H. P.	.90	8.50	8.00	75.00
Maman Cochet	22	H. T.	1.00	9.50	9.00	85.00
Marshall P. Wilder	24	H. P.	.90	8.50	8.00	75.00
Mary Wallace	26	H. C.	1.00	9.50	9.00	85.00
Miss Edith Cavell	28	Poly.	.85	8.00	7.50	70.00
Miss Lolita Armour	22	H. T.	1.00	9.50	9.00	85.00
Mme. Albert Barbier	24	H. P.	1.00	9.50	9.00	85.00
Mme. Butterfly	22	H. T.	1.00	9.50	9.00	85.00
Mme. Caroline Testout	22	H. T.	1.00	9.50	9.00	85.00
Mme. Edouard Herriot	22	Pern.	1.00	9.50	9.00	85.00
Mme. Georges Bruant	29	R. H.	.90	8.50	8.00	75.00
Mrs. Aaron Ward	22	H. T.	1.25	12.00	11.50	.....
Mrs. Ambrose Ricardo	22	H. T.	1.00	9.50	9.00	85.00
Mrs. A. R. Waddell	22	H. T.	1.00	9.50	9.00	85.00
Mrs. Charles Bell	22	H. T.	1.00	9.50	9.00	85.00
Mrs. J. C. Ainsworth	22	H. T.	1.00	9.50	9.00	85.00
Mrs. J. H. Laing	24	H. P.	.90	8.50	8.00	75.00
Mrs. Prentiss Nichols	22	H. T.	1.00	9.50	9.00	85.00
Mrs. Redford	22	H. T.	1.00	9.50	9.00	85.00
Mrs. R. G. S. Crawford	24	H. P.	.90	8.50	8.00	75.00
Mrs. Wakefield C. Miller	22	H. T.	1.00	9.50	9.00	85.00
Multiflora	30	Wild	.80	7.50	7.00	65.00
Ophelia	22	H. T.	1.00	9.50	9.00	85.00
Orange King	28	Poly.	1.00	9.50	9.00	85.00
Orleans	28	Poly.	.85	8.00	7.50	70.00
Papa Gouchalt	26	H. C.	.80	7.50	7.00	65.00
Parfume de L'Hay	29	R. H.	.90	8.50	8.00	75.00
Paul Neyron	24	H. P.	.90	8.50	8.00	75.00
Paul's Scarlet Climber	26	H. C.	.80	7.50	7.00	65.00
Persian Yellow	30	Aus.	.85	8.00	7.50	70.00
Pink Pearl	23	H. T.	2.00	19.50	19.00	.....
Pink Roamer	26	H. C.	.80	7.50	7.00	65.00
Pres. Cherioux	23	H. T.	1.25	12.00	11.50	.....
Princess Juliana	28	Poly.	.90	8.50	8.00	75.00
Radiance	23	H. T.	1.00	9.50	9.00	85.00
Red Explorer	26	H. C.	1.00	9.50	9.00	85.00
Red Letter Day	23	H. T.	1.00	9.50	9.00	85.00
Red Orleans	28	Poly.	.85	8.00	7.50	70.00
Red Radiance	23	H. T.	1.00	9.50	9.00	85.00
Rosa Rugosa Rubra	29	R. H.	.80	7.50	7.00	60.00
Roserie	26	H. C.	.80	7.50	7.00	65.00
Salet	27	Moss	.85	8.00	7.50	70.00
Setigera	30	Wild	.80	7.50	7.00	65.00
Silver Moon	27	H. C.	.80	7.50	7.00	65.00
Soleil d'Or	23	Pern.	1.00	9.50	9.00	85.00
Souv. de Claudius Pernet	23	Pern.	1.00	9.50	9.00	85.00
Sunburst	23	H. T.	1.00	9.50	9.00	85.00
Sweetheart	27	H. C.	.80	7.50	7.00	65.00
Tausendschön	27	H. C.	.80	7.50	7.00	65.00
Triomphe Orleanaise	28	Poly.	.85	8.00	7.50	70.00
Turk's Rugosa	29	R. H.	1.00	9.50	9.00	85.00
Ulrich Brunner	24	H. P.	.90	8.50	8.00	75.00
Una Wallace	23	H. T.	1.00	9.50	9.00	85.00
Verdun	28	Poly.	1.00	9.50	9.00	85.00
White Dorothy	27	H. C.	.80	7.50	7.00	65.00
White Killarney	23	H. T.	1.00	9.50	9.00	85.00
White Maman Cochet	23	H. T.	1.00	9.50	9.00	85.00
Wichuriana	27	H. C.	.80	7.50	7.00	65.00
Wilhelm Kordes	23	H. T.	1.25	12.00	11.50	.....
William F. Dreer	23	H. T.	1.00	9.50	9.00	85.00
Willowmere	23	Pern.	1.00	9.50	9.00	85.00

Spring is the best time to plant roses. Order yours today

Hardy Perennial Flowers

Test Our Valuable Jubilee Offerings

TO ALL lovers of flowers—and who is not—the hardy perennials appeal very strongly, because during the whole flowering season there is not a time in which some of them are not in bloom, and they reappear year after year, blooming freely and requiring very little attention and protection.

For lovers of spring flowers, summer flowers, or autumn flowers, there are varieties without end, enough to have seasonal gardens or borders of all-season beauty. Perennials should rightfully form the backbone of all flower planting with a few bulbs and annuals worked in to complete the effect.

Our list this year is larger than ever before. We offer many fine new varieties as well as the better known favorites. In any case the S. & H. quality prevails throughout. You will get fine thrifty plants when you order from us.

How to Select Hardy Flowers

Select hardy flowers to provide a continuous blooming season. With perennials it is possible to have some show of color in every portion of the garden at any time.

Various coarse-leaved, tall growing sorts, such as Anchusas, Boltonias, Cassia, Hollyhocks, Golden Glow, Mallows, Sunflowers, etc., should, of course, be located in the **background.** The **front** of the border should be laid out in the dwarfest growing kinds, such as Achillea, Columbines, Shasta Daisies, Euphorbias, Gaillardia, Heuchera, Hypericum, Dwarf Lychnis, Forget-me-nots, Plumbago, Iceland Poppies, Sedums, etc. **Intermediate** rows will take care of the great majority of perennials; the principal requirement in their location being to so dispose that colors will not clash, nor be unequally distributed. The matter of variation in **blooming season** should also affect location, in order to have no material section of the garden without some show of color at any time of the year.

Achillea, Boule de Niege

Planting. These roots may be planted as early in spring as the ground is pliable (or in the autumn); selecting an opportunity when the soil is not cold, wet or soggy. Large clumps are not necessary nor often desirable; the smaller divisions or pot grown stock showing more thrift and virility, and developing into shapelier plants than the bulkier old roots.

Any good **soil** sensibly enriched with rotted manure, bone meal or sheep manure as available, dug deep and thoroughly mixed, will be satisfactory.

Prices. Offered by 3's, dozens, and hundreds. In flower beds where units are generally small, we feel that three is the least number practical for making a show, and to save disappointment if one should die. We can also handle three as cheaply as one—at consequent saving to you. **All prices for 3 or dozen are for delivery by mail, postage prepaid unless otherwise specified. The 100 rate is always priced for express. Express shipments are not prepaid.**

Achillea. The most serviceable and long-seasoned white flowered perennial, for dwarf borders and cutting.

—**Boule de Niege.** 18 inches. A dwarf form of The Pearl, more erect and compact with fuller ball-shaped flowers.

—**Millefolium Roseum** (Rosy Milfoil). Fine cut, decorative foliage on spreading bushes 18 inches high. Pink flowers continuous all summer, in flat umbels.

—**The Pearl.** 2½ feet. One of the best white flowered border plants resembling Pompon Chrysanthemums.

65 cts. for 3; $2.50 per dozen; $15.00 per 100.

Aconitum Fischeri. (Monkshood.) 2-3 feet. September and October. Valuable for either sun or shade, and very hardy. The foliage is attractive, and the bloom abundant in long, dense spikes of hood-shaped flowers; dark blue. 75 cts. for 3; $3.00 per dozen; $20.00 per 100.

Agrostemma Coronaria. (Rose Campion.) Flowers bright crimson, phlox shaped, with velvety silvered foliage. 2½ feet.

55 cts. for 3; $2.00 per dozen; $13.00 per 100.

ALYSSUM—Argenteum. 15 inches. Dense growth. Leaves silvery beneath, flowers yellow in clustered heads all summer.

—**Saxatile Compactum.** (Golden Tuft.) A useful, flat, spreading edging and rockery plant, growing not over 12 inches high; covered with enveloping flat clusters of bright golden yellow flowers early in summer.

65 cts. for 3; $2.50 per dozen; $15.00 per 100.

Extraordinary Anniversary Offer

DIAMOND JUBILEE BARGAIN
Part Sale . . . Part Gift

Regal Lily

In celebration of our 75 years of nursery progress we offer as a Diamond Jubilee "Favor," this remarkable Regal Lily Proposition.

ONE of the oldest nurseries in America adopts the youngest really great plant introduction, to symbolize this anniversary event.

The Regal Lily was quite recently brought to America from Thibet, wisely distributed, and is today the outstanding, most popular garden plant.

Although immaculately white, there is just enough of pink to intimate the pulsing liveliness of youth; with a sheen of gold from the heart, to glorify maturity.

Unsurpassed in regal grace and character; unequalled in refreshing fragrance; unqualifiedly practical for your garden and mine because of its freedom, hardiness and stability. Demand still exceeds supply, and novelty prices still persist. See page 43.

For this one very special occasion, only, we make you an offer of Regal Lilies at cost—presenting you the profit as a "favor" at this, our Diamond Jubilee Celebration.

Up to May 1st, 1929, we will mail you postpaid, blooming-size Regal Lily bulbs, as stated below.

5 bulbs for $1.00
10 bulbs for $1.90
25 bulbs for $4.50

THE STORRS AND HARRISON CO. PAINESVILLE, OHIO — ESTABLISHED 1854 — TREES PLANTS SEEDS — TRADE MARK

THE STORRS & HARRISON CO., Painesville, Ohio

Dry Root CANNAS A Surplus Special

FOR several years we have furnished Cannas to our general trade, only in started plants after about May 1st.

Due to an unusual growing season and other causes, we find ourselves overstocked for once with dry roots, and have wondered how best to dispose of this surplus.

This Anniversary Sale idea is getting into our blood. We will add the Dry Root Cannas to Regal Lily and Delphiniums.

S. & H. Cannas are nationally credited for pure strain and quality, and these following are six of the best standard varieties in trade.

DRY ROOTS

APRICOT—soft apricot.
KING HUMBERT—black leaf, red bloom.
HUNGARIA—rose pink.
QUEEN HELEN—golden yellow.
SOUV. de A. CROZY—gilt edged scarlet.
THE PRESIDENT—brilliant red.

12 Two of each by mail for $1.00
or
36 Six of each by mail for $2.90

The President

Another Thrilling Special Jubilee Offer!

Wrexham Hollyhock-Strain

DELPHINIUMS

Not often can we present such an opportunity as this 75th Anniversary Offer of unusual Delphiniums

ENGLISH DELPHINIUMS are the most talked of and the most popular novelties among perennials today. They are indeed a far cry from the common Belladonna type with which our gardens have so long been content.

The **Wrexham Hollyhock Strain** represents the peak of development as to height and blooming capacity of plant; length of stem and flower spike, size of florets, bulk of the spike, pattern or style of flower and richness of coloring. These flowers are so large, so ruffled and so densely set, a noble flower spike resembles the pillared Hollyhock in its prime, and most as tall.

Colors range through many shades of blue, with extremes of white and purple, and most interesting modifications in the central eye or "bee".

The individual named varieties which go into the mixture are variously offered to Delphinium fanciers, at prices ranging from $2 to $6 each. What we have to offer are strong, one-year clumps, raised from seed imported from England's greatest Delphinium producer. Seed is independently garnered from the choicest named varieties of this Hollyhock type, carefully apportioned to make up a color-balanced admixture, and sent out to American growers as the choicest association of up-to-date Delphiniums available.

Last season we released a certain number of plants at an erroneous catalog price, and lost money. How they did go! But it gave us an idea. You will find them regularly listed on page 37 at a corrected, but still modest price.

Our big idea is to encourage your evident appreciation of the best things by adding them as another, and possibly more important "favor" in this, our special 75th Anniversary or Jubilee Offer.

It may be years before normal prices will grant you another such opportunity to obtain so much value for so little cost.

By mail postpaid

3 plants for $1.00
12 plants for $3.50
25 plants for $6.90

THE STORRS & HARRISON CO., Painesville, Ohio

YOU MAY VERY WELL USE THIS SHEET AS AN ORDER FORM. CHECK THE ITEMS DESIRED

Name .....

Street Address .....

City ..... State .....

☐	5 Regal Lilies $1.00	☐	3 Delphiniums $1.00
☐	10 Regal Lilies 1.90	☐	12 Delphiniums 3.50
☐	25 Regal Lilies 4.50	☐	25 Delphiniums 6.90
☐	12 Canna Roots 1.00		
☐	36 Canna Roots 2.90		

Date of Order 1929

Total Remittance ..... $.....

Anchusa Dropmore. A bold, broad-leaved growth with flower stems 3 to 5 feet high, bearing a magnificent show of deep blue flowers in spring and intermittently until late summer. The stools are quite dense and bushy, each stem nearly covered full length with double, inch-wide flowers of the deepest cobalt blue.
65 cts. for 3; $2.50 per dozen; $15.00 per 100.

Anemone Hupehensis. A miniature Japonica, 10 to 12 inches, in profuse bloom from August on, with 1½ inch single flowers, colored bright mauve-rose.
65 cts. for 3; $2.50 per dozen; $16.00 per 100.

Anemone Japonica. (Wind Flowers.) A most valuable class of hardy plants suitable for edging, massing, or single specimens. They grow rapidly 2 to 3 feet and are profuse in bloom, gaining strength and beauty each year. The blooming period extends from August till mid-November.

—**Alba.** Glistening, pure white.

—**Alice.** Large rose-pink flowers with lilac center. A charming new variety.

—**Max Vogel.** Free flowering, double rose-pink.
75 cts. for 3; $3.00 per dozen; $20.00 per 100.

—**Queen Charlotte.** Flower semi-double, broad and perfectly formed, the pleasing "La France" shade of pink. Illustrated in color on third cover.

—**Richard Ahrends.** Large, single. Shell-pink with slight lilac hue.
75 cts. for 3; $3.00 per dozen; $20.00 per 100.

—**Whirlwind.** Excellent large double white flowers.

Unless noted—65 cts. for 3; $2.50 per dozen; $16.00 per 100.

Anthemis Kelwayi (Hardy Marguerite). An excellent and profitable perennial for cutting; its golden-yellow, daisy-like flowers appearing in profusion, practically all summer.
55 cts. for 3; $2.00 per dozen; $14.00 per 100.

Aquilegia (Columbine). The distinct, clear-cut foliage and delicate arrangement of colors in the flowers make it one of the showiest and most desirable of the hardy garden plants; especially suitable for rock-work, at the base of foundation walls and under trees. Bloom in early spring.

—**Chrysantha.** All over pure bright yellow.

—**Chrysantha Alba.** Beautiful white flowers.

—**Double Mixed.** Bulky, double flowers in good color assortment.
70 cts. for 3; $2.75 per dozen; $18.00 per 100.

—**Helenae.** Immense single flowers, the broad sepals a brilliant shade of blue, with white corolla, a choice variety.
75 cts. for 3; $3.00 per dozen; $20.00 per 100.

—**Mrs. Scott Elliot's Long Spurred Hybrids.** An English strain producing many shades and combinations in purple, red, blue and yellow. Offered in mixture only.

Unless noted—65 cts. for 3; $2.50 per dozen; $16.00 per 100.

Anemone Japonica

Aquilegia

SPECIAL OFFER

See third cover page for Perennials illustrated in color, and Jubilee Prices.

Arabis Alpinus (Rock Cress). Low growing plants especially suited to rock-work, flowering in small white terminal racemes. They commence to bloom in May and continue a long time.
55 cts. for 3; $2.00 per dozen; $14.00 per 100.

Armeria Formosa (Cushion Pink). Dwarf compact growing plant, grassy foliage evergreen, throwing up numberless spikes of little ball-shaped flowers from spring to fall; various shades of pink.
65 cts. for 3; $2.50 per dozen; $16.00 per 100.

HOW TO PLANT AND GROW PERENNIALS

SPACING. In planting perennials, it is generally safe to space those varieties which do not grow above 2 feet, about 12 inches apart; the taller ones at an interval one-half the ultimate height. Crowded or stingy planting are equally disastrous to healthy growth and perfect effect.

CULTIVATION. Don't let up with the hoe! Keep the ground well cultivated, leveled and free from litter; except during protracted drought, a little mulch of short grass (sweepings from the lawn) will help retain moisture ,and keep the soil from baking.

TRAINING. Judicious "staking" at an early date will adjust many later defects of top-heaviness or unequal development. If done early, the correction and support will be absorbed; after maturity, any alteration would appear abnormal and unsightly.

TIDINESS goes a long way towards an attractive garden. Snipping a broken twig; an untanglement here and there; removing withered leaves, dead flower stems, etc., will repay the odd moments of time and attention.

DIVIDING. The earliest flowering types are generally dwarf, compact and close rooted; these may be left undisturbed for several years. The tall sorts of late summer and fall are fast growing and prolific; it will be found a positive advantage to quality of bloom and general appearance, if these are taken up, divided, and a part only replanted, at least every second year.

WINTER PROTECTION. Everything listed in this section is "hardy," but in varying degree. For instance, Tritomas, Poppies and Shastas really need some protection. A light covering of coarse straw manure or leaves (not over 2 or 3 inches deep) will give comfort to all kinds, and insure safety for the weak. After removing all stems and dead foliage, during the last days of November, or before severely cold weather sets in, apply this dressing, remembering to remove it gradually next spring, as soon as frost begins to leave the ground.

Our 75th Anniversary stock of perennials is the finest we have ever grown

New Aster Elta

ARTEMISIA— Lactiflora. Deep green, cleft foliage and compact bush shape, make this choice perennial attractive throughout the summer, but doubly so in August and September, when in bloom. The creamy white flowers, which resemble herbaceous Spireas and are sweetly scented, are borne in large terminal panicles on erect stems 3 to 4½ feet tall.
75 cts. for 3; $3.00 per dozen; $20.00 per 100.

—**Silver King.** A strikingly effective white leaved contrast plant. A beautiful "mist" for setting off bouquets and floral combinations. A splendid filler for Canna beds, Larkspurs or other tall plants. Silver King is a vigorous quick growing plant with a close network of branches, fine stemmed and slender leaved. The opening leaf buds gleam like tiny beads, the entire color-effect bright frosted silver. The plants are matured and very showy early in summer, growing into compact symmetrical globes up to 3 feet high, which remain objects of beauty until lost against Winter's snowy background. Long sprays may be cut to mix with flowers (pink rose-buds being a favorite association), and the tops may be kept cut out to hold a desired height. Various tests in colder sections than ours, have proved it perfectly hardy, increasing freely from the roots. 2½-inch pot plants.
3 for 65 cts.; $2.50 per dozen. By express, $18.00 per 100.

Asclepias Tuberosa (Butterfly Flower). 2½ feet. A familiar field flower; the cultivated form making a delightful show of orange flowers during early summer.
55 cts. for 3; $2.00 per dozen; $14 00 per 100.

HARDY ASTERS

The "Michaelmas Daisies" are very largely used by landscapers, to provide masses of foliage and bloom throughout the fall. They give a wide range of selection as to height, character, season and color. Although most of the kinds listed below are new, we have them in quantity and offer all but the most exceptional at common price.

***Anita Ballard.** 3 feet. Light lobelia blue, early and free. This is a very pleasing shade of considerable appeal.

Belgian Queen. 4 feet. Attractive bluish lilac.

***Blue Gem.** 3 feet. Large, rich violet-blue. Darkest of the blue varieties, of good form and size.

Dick Ballard. 3 feet. Large, distinct rose tinted lavender.

***Elta.** A superior imported variety bearing a profusion of large close-petaled flowers throughout a longer fall season than any competitor. One of its otherwise superior and important advantages is its compact, branchy habit, and comparatively dwarf growth, making it available for use even in the central spaces of the more formal gardens. Color a definite lilac-lavender, with tango eye.

King of the Belgians. 3 feet. Light lobelia blue.

⊙**Mauve Cushion.** An odd type adapted to many unique usages. Very dwarf, 9 to 10 inches, with tapering margins. It spreads thriftily into a round cushion perhaps 30 inches broad; in November literally covered with beautiful inch-wide, silvery mauve flowers.

***Mons.** 3 feet. Distinct reddish violet. These flowers are large, perfect, in handsome, very conspicuous clusters.

***Sam Banham.** 3 feet. Earliest. Feathery, pure white.

Tatarica. 5 feet. Very broad, long bottom leaves, diminishing in size toward top of stalk. October. Bright purple.

***White Climax.** Much branched, standing 5 feet high, with pure white flowers 1¼ inches in width, in pyramidal clusters from August to mid-October.

Varieties (*): 75 cts. for 3; $3.00 per dozen; $20.00 per 100.
Variety (⊙): 90 cts. for 3; $3.50 per dozen; $25.00 per 100.
Balance: 65 cts. for 3; $2.50 per dozen; $15.00 per 100.

ASTILBE [Spirea]

America. A bulbous, hardy Spirea of striking punctuating character, when distributed among the medium height perennials of the garden borders. It makes a short spreading plant with attractive foliage, during June and July throwing up long, plumy wands of bloom. These flower spikes complete an average height of 2 to 3 feet and, because of their bulk, feathery character and brilliant lilac-pink color, are extremely showy during their season of about three weeks. Soil need not be extra rich, but plentiful moisture and partial shade are essential to fullest success.
75 cts. each; $1.60 for 3. By express, $6.00 per dozen.

Astilbe (Spirea)

Aubretia Graeca. (Rainbow Rock Cress). Essentially a rock plant, but equally pretty and useful as an edging to any dwarf perennial border. The foliage is a fine mass of silver green, in spring and early summer, concealed by a sheet of light purple flowers.
75 cts. for 3; $3.00 per dozen; $20.00 per 100.

Baptisia Australis. (False Indigo). Deep blue flowers in pretty racemes during June and July. 2 feet.
65 cts. for 3; $2.50 per dozen; $15.00 per 100.

Bellis Perennis. (English Daisy). A six inch edging plant continuously in bloom throughout spring and summer. The flowers are short-stemmed, short-quilled, mostly broad and flat. Mulch heavily for winter. Separate colors, **Pink** or **White.**
55 cts. for 3; $2.00 per dozen; $14.00 per 100.

Bocconia Cordata (Plume Poppy). Six to eight feet. Immense flat, deeply indented leaves of silvery green on pearl-pink stalks. Flowers creamy white, produced in large upright panicles, which persist for months, darkening to rusty bronze. This is a splendid plant to point the angles of the tallest perennial backgrounds, its neutral colors associating well with any other colors, and its stems and foliage at all times highly ornamental.
25 cts. each; 65 cts. for 3; $2.50 per dozen.

BOLTONIA (False Chamomile). 5 feet, bushy plants with Astor-like flowers; good back-ground plant for late summer.

—**Asteroides.** White.

—**Latisquama.** Pale lavender flowers.
55 cts. for 3; $2.00 per dozen; $14.00 per 100.

CAMPANULA [Bellflower]

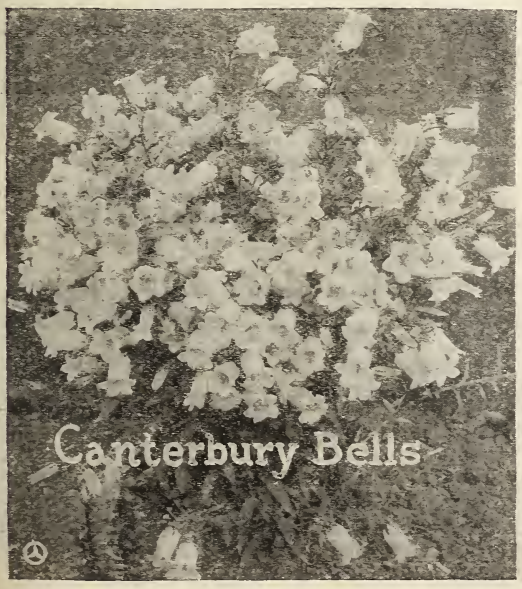
These are among the most beautiful of the border plants, all throwing up a liberal number of flower spikes along which are a crowded profusion of good sized bells.

Carpatica (Carpathian Hare-Bell). A pretty compact species, not exceeding eight inches high, flower bells one inch in diameter. **Blue** or **White.**

Calycanthema ("Cup and Saucer"). Hardiest and most popular form. Single cup-shaped flowers 3 inches long, set in saucer-like calyx 3 to 4 inches across; entire flower of one color. Very productive. We offer three separate colors, **Blue, Rose** or **White.** ($15.00 per 100.)

Media. The well known "Canterbury Bells;" its numerous branches crowded with deep bells, the edges softly rolled back and fluted. In July, height, 2 to 3 feet. **Blue, Rose** or **White.** ($15.00 per 100.)

Persicifolia. (Peach Bells). 1½ to 2 feet high; numerous salver-shaped flowers. **Blue** or **White.**



Pyramidalis (Chimney Bell-flower). Very conspicuous, 4 to 5 feet high. Salver-shaped flowers borne profusely in September. **White.**
65 cts. for 3; $2.50 per dozen; $18.00 per 100.

Cassia Marilandica (American Senna). 4 feet. Blooms in large panicles of bright yellow. July to August. Beautiful pinnate foliage of brilliant Nile green.
65 cts. for 3; $2.50 per dozen; $16.00 per 100.

Catananche Caerulea (Cupid's Dart). 2 feet. Long, stiff flower stems, the ends crowned by blue flowers resembling Bachelor's Button. July-August. A good, small cut flower.
75 cts. for 3; $3.00 per dozen; $20.00 per 100.

CENTAUREA (Knapweed). Free blooming, medium height border plants.

—**Dealbata.** 2 feet. June-July. Rose-pink flowers.

—**Macrocephala.** 3½ feet. July-August. Large, thistle-like golden yellow flowers, good for cutting.

—**Montana** (Mountain Bluet). 2feet. Bearing large, loose-petaled flowers of violet-blue from July to September.
65 cts. for 3; $2.50 per dozen; $15.00 per 100.

Cerastium Tomentosum ("Snow-in-Summer"). A low edging or carpet plant, with matted silver foliage and early white flowers. This is the showiest, longest lasting, and most valuable carpet plant. Also excellent coverage on rocky slopes.
65 cts. for 3; $2.50 per dozen; $16.00 per 100.

Cheiranthus Allioni (Siberian Wallflower). A showy, 12-inch rockery plant, ablaze all summer with close panicles of orange flowers. Actually a hardy biennial, renewing itself by seeding. 70 cts. for 3; $2.75 per dozen; $18.00 for 100.

Chelone Lyoni (Shell Flower). A 2-foot border plant of grace and dignity. Numerous flower spikes of considerable bulk during late summer and fall; showy purplish red. 75 cts. for 3; $3.00 per dozen; $20.00 per 100.

CHRYSANTHEMUMS

Large Flowered Types, Page 64

ANEMONE 'MUMS

The Anemones are distinct garden kinds and very useful when cut in sprays for floral decoration. Plants grow 2 to 3 feet; and bloom extravagantly with clustered flowers averaging 3 to 3½ inches wide. The central cushion or disc of dense, short quills, rests on one or more layers of usually flat ray florets.

Berneita. A beautiful 2½ to 4 inch flower. Blossoms profusely borne on a low rounded bush very suitable for indoor pot specimens. The short ray florets are shell pink; the broad, dense cushion white.
3 for 75 cts.; dozen, $3.00; by express, 100, $18.00.

Blanche. The improved Garza; with broad white rays, and yellow disc.

***Eugene Langaulet.** True to type, but of one color, ruddy copper bronze. (Repeated in Hardy group).

Maple Leaf. All the changing shades of red and yellow which autumn gives the Silver Maple.

Sunshine. Crowded sprays of intense yellow.

The Belle. Purest white, both disc and rays.

Unless noted, 3 for 55 cts.; dozen, $2.00. By express, 100, $12.00.

The above set of 6 Anemones, by mail, for $1.10

Bright Eyes

POMPON 'MUMS

The flowers run from ½ inch to 2 inches in diameter; small petaled, very compact and formal "buttons;" or variably larger with longer petals, and looser, usually in rather close clusters so that one cut spray is a bouquet in itself. As pot-plants the Pompons are very satisfactory and furnish some of the daintiest table decorations of the fall and winter season. Several choice varieties of long-proven sturdiness are run specially under the heading, "Hardy Garden 'Mums."

Bright Eyes. Until finally unfolded, the incurving central petals show their reverse in strong orange-apricot, making a decided contrast against the blush white of outer layers.
3 for 65 cts.; dozen, $2.50. By express, 100, $15.00.

Hardy 'Mum—Gold Coin

Capt. Cook. Taller than the average, first to open, and a perfect "bunch" type. A brilliant shade of rose pink, free from the common lavender tones.
3 for 65 cts.; dozen, $2.50. By express, 100, $15.00.

Cora Peck Buhl. Deepest yellow in this class, holding its color value in any light.

Golden Harvest. Medium buttons, attractive, popular shade; deep golden yellow, touched with bronze.

Lellah. An early, free blooming, rose pink.

Muskokah. A true pompon in habit, although its nearly 4-inch flowers are oversize, coming in sprays of 6 to 10 flowers, which invites disbudding. Rich golden bronze.
3 for 65 cts.; dozen, $2.50. By express, 100, $15.00.

Petit Louis. Tall; silvery mauve, with bronze center.

Ruth. Rich claret red; small round buttons.

Uvalda. The earliest white; usually blushed when first opening, but pure white at maturity.

Unless noted, 3 for 55 cts.; dozen, $2.00. By express, 100, $12.00.

The above set of 9 Pompons, by mail, for $1.65

For Show types, see page 64

HARDY GARDEN 'MUMS *for AUTUMN Flowers*

The following fine, rugged varieties assembled from Pompon, Anemone, and various classes, have proven hardy throughout the middle-west, with some protection during winter. It is advisable to cut off the old tops to a few inches above ground, then cover with old straw or leaves before winter sets in. The best bloom will result from annual spring transplanting, separating the year-old clump into small divisions.

Adironda. A button pompon, rich golden bronze.

Alice Howell. Orange yellow; early and continuous. A fine example of the single flowered type.

Autumn Glow. Large flowers of rosy crimson tinged with bronze.

Boston Bronze. A splendid, satiny, light bronze cut flower, extra large and full.
3 for 65 cts.; dozen, $2.50. By express, 100, $15.00.

Brune Poitevine. Large informal flowers, dull mahogany red, the under surface and curling tips bronze gold.
3 for 65 cts.; dozen, $2.50; $15.00 per 100.

Eugene Langaulet. (Anemone). Rich, coppery bronze.

Excelsior. Bright orange yellow clusters; very free.

Glory of Seven Oaks. ("Everblooming Hardy 'Mum"). Brilliant clear yellow. Earliest and longest season of any garden variety; popular for any use.

HARDY GARDEN 'MUMS—Contd.

Gold Coin. Extra large size, in large sprays; a brilliant bronze half-button. 3 for 65 cts.; dozen, $2.50. By express, 100, $15.00.

Indian Red. Crushed strawberry-red over copper.

Jolo. A new pompon of rather flat shape; the best red of recent introduction The surface is bright red, the reverse deep mahogany. 3 for 65 cts.; dozen, $2.50. By express, 100, $15.00.

Mitzie. Dwarf growth, but extravagant bloom. Medium flowers, bright yellow with red-brown center.

Old Homestead. Dependable rose-pink.

Rose Travena. Very deep shade of rose-pink; large.

White Doty. Milk white, somewhat creamy at center. Beautiful close-quilled button form.

Unless noted, 3 for 55 cts.; dozen, $2.00. By express, 100, $12.00.

The set of 15 Hardy 'Mums, by mail, for $2.75 **3 each of above (45 plants), by mail, for $7.50**

Jolo

Cimicifuga Racemosa (Snake Root). Good heavy foliage, with many 4-foot swaying flower spikes during July and August. The terminal flowers are small but in good sized clusters, pure white. Displayed to advantage as a background, or as punctuations among the undergrowth of woodlands. 70 cts. for 3; $2.75 per dozen; $18.00 per 100.

Coreopsis Lanceolata Grandiflora. 18 to 24 inches. The two-inch, single terminal flowers are rich golden yellow, borne in great profusion nearly the entire summer on slender, wiry, upright stems. 55 cts. for 3; $2.00 per dozen; $13.00 per 100.

SHASTA DAISY—Hartje & Elder's (Mayflowering). This new type is one of the largest flowered, and is a splendid cut-flower supply for Memorial Day. 70 cts. for 3; $2.75 per dozen; $18.00 per 100.

—King Edward VII. A new European introduction with immense flowers and vigorous growth. 65 cts. for 3; $2.50 per dozen; $15.00 per 100.

DELPHINIUM [Larkspur]

When in bloom, from June till frost, their long, showy flower spikes protrude to a height of 3 to 4 feet, so that the plants belong in the background of perennial groups, or in the foreground interstices between shrubs.

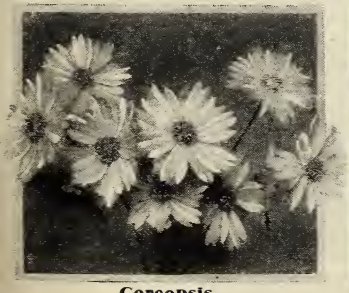
Belladonna. A magnificent sort with large spikes of the most delicate **turquois-blue.** Makes up prettily with Euphorbia or Baby's Breath for a mist flower, and the yellow of Coreopsis. July till frosts. Illustrated in color on third cover. 55 cts. for 3; $2.00 per dozen; $14.00 per 100.

Bellamosa. A very **dark blue** variety, strikingly contrastive in connection with the azure shade of Belladonna. Illustrated in color on third cover. 55 cts. for 3; $2.00 per dozen; $14.00 per 100.

Gold Medal Hybrids. Grand assortment of colors in mixture, ranging from **lightest blue to purple.** In this type, the eye is apt to be conspicuously marked, resembling a bee. 65 cts. for 3; $2.50 per dozen; $17.00 per 100.

Wrexhams Hollyhock Strain. Magnificent, long-stemmed, massive type developed in England. Very tall, stocky growth with flower spikes like hollyhocks. We offer strong one year plants from imported seed, in **mixture** only. $2.00 for 3; $5.50 per dozen; $45.00 per 100.

See Special Jubilee Offer on Insert.



Coreopsis
One of the best for cut flowers.

Shasta Daisy

DIANTHUS [Hardy Pinks]

Short, dense growth with glaucous grassy foliage and abundant fragrant flowers all summer, throw these delightful subjects into the foreground and edging groups.

Annie Laurie. A large flower of orchid color with wine-red ring in center. 75 cts. for 3; $3.00 per dozen; $20.00 per 100.

Barbatus (Sweet William). Great richness and variety of coloring; beautifully marked. Numerous broad, compact trusses of single flowers like phlox in **Crimson, White, Pink and Scarlet.** 55 cts. for 3; $2.00 per dozen; $13.00 per 100.

Latifolius Atrococcineum fl. pl. Broad heads of double red "Sweet William." 65 cts. for 3; $2.50 per dozen; $17.00 per 100.

Caesius Grandiflorus (Cheddar Pink). Very compact. Sweet smelling rose colored flowers rise from its cushion of glaucous leaves in spring. Fine for rock gardens. 65 cts. for 3; $2.50 per dozen; $17.00 per 100.

Deltoides (Maiden Pink). 18 in. A charming slender-stemmed type, foliage prostrate; mass of small pink flowers graduating from carmine to light coral, during May and June. A good rock plant and brightly effective as a close-set edging plant in perennial beds. 65 cts. for 3; $2.50 per dozen; $15.00 per 100.

Sweet William

Grenadier. Solid bright red, slightly varying in shade. This looks very much like a big, double, fringed and spicy carnation. It buds out early and blooms and blooms with a crimson vividness that will not be denied. 65 cts. for 3; $2.50 per dozen; $17.00 per 100.

Her Majesty. Very large; purest white. 65 cts. for 3; $2.50 per dozen; $17.00 per 100.

Mannings Pink. Free flowering; deep pink. 75 cts. for 3; $3.00 per dozen; $20.00 per 100.

Robert. One of the choice "everblooming" type; white, with maroon red center. 75 cts. for 3; $3.00 per dozen; $20.00 per 100.

Plumarius Semperflorens Mixed. Mixed varieties, noted for spicy fragrance and rich coloring. 55 cts. for 3; $2.00 per dozen; $15.00 per 100.

PRICES

All prices for 3 or dozen are for delivery by mail, postage prepaid unless otherwise specified. The 100 rate is always priced for express. Express shipments are not prepaid.

Digitalis (Foxglove)

DICENTRA (Bleeding Heart).—**Eximia.** Compound racemes of deep rose, the heart-shaped flowers tapering to a long slender neck. Foliage is especially attractive and bloom persistent all summer. 25 cts. each; 65 cts. for 3; $2.50 per dozen; $17.00 per 100.

—**Spectabilis.** 2 feet. One of the most delightful of all the early spring flowering plants, bearing numerous rosy red, heart-shaped flowers in drooping racemes. These persist into June. 50 cts. each; $1.35 for 3; $5.00 per dozen; $38.00 per 100.

DIGITALIS—Ambigua. 2 to 3 feet. Midsummer. Flowers yellow, marked with brown. 65 cts. for 3; $2.50 per dozen; $16.00 per 100.

—**Giant Shirley Foxgloves.** 6 to 7 feet high, with flower heads 3 feet or more long, crowded with big bell-shaped florets. Colors range from white and shell pink to deepest rose, many attractively dotted with crimson and chocolate. Offered in mixture only. 75 cts. for 3; $3.00 per dozen; $20.00 per 100.

—**Gloxiniaeflora** (Foxglove). A grand display of thimble-shaped flowers in immense spikes during July and August. Tall growing with large, rough foliage. Separate colors; **White** or **Rose.** 65 cts. for 3; $2.50 per dozen; $16.00 per 100.

Euphorbia Corollata (Flowering Spurge). A branchy low-growing plant with fine stems and foliage, literally covered from June to August with loose umbels of pretty white flowers. Good for cutting in long sprays; and one of the most charming mist-flowers to mix with bouquets of Larkspur, Geum, etc. Euphorbia is usually in prime, just after Gypsophila is through, and before the Thalyctrums become useful as "mixers." 65 cts. for 3; $2.50 per dozen; $16.00 per 100.

FUNKIA (Day Lily). Thick leaved, substantial plants valued even more for their foliage than for their flowers. They are also among the very few really choice perennials which accept a shady location without protest. (See next page.)

See colored illustration of Perennials on third cover page

FUNKIA—Contd.

—Lanceolata. 2 feet. Moderately wide leaves, with slender lilac flower spikes in September.
65 cts. for 3; $2.50 per dozen; $17.00 per 100.

—Undulata Variegata. The leaves are broad and definitely fluted, pale green with a broad white central band and varying streaks; the flower stems just long enough to clear the foliage clump, small pendent blue florets in loose racemes. Being only 12 to 18 inches high they make a very showy edging to bind in a planting of taller perennials.
75 cts. for 3; $3.00 per dozen; $20.00 per 100.

Geum—Mrs. Bradshaw

Gaillardia

Gaillardia Grandiflora (Blanket Flower). Makes an unfailing supply of bloom in those rich, tawny shades so highly prized. Flowers often measure 3 inches in diameter, on clean 2-foot stems. A hard center of deep maroon is thickly bordered by petals of orange and yellow, strikingly ringed by circles of crimson, red and maroon.
55 cts. for 3; $2.00 per dozen; $14.00 per 100.

GEUM. 1½ feet. Brilliant, beautifully ruffled flowers resembling Carnations, on long slender upright stems. June to Sept.

—Lady Stratheden. Bright golden yellow, a beautiful refined flower. Illustrated in color on third cover page.

—Mrs. Bradshaw. Showy double crimson scarlet.
75 cts. for 3; $3.00 per dozen; $20.00 per 100.

HARDY GRASSES

A few clumps of these beautiful hardy grasses give an air of tropic luxuriance, and piquant animation. Gracillima is the finest, densest, darkest and most sinuous. The Eulalias are about equal as to height (4 ft.) and quality of plumage, which make excellent dried bouquets for winter. The Ribbon grass, being dwarf, is used for edging, the clumps spreading to about 2 feet.

EULALIA. Hardy grasses of interesting character, very useful as solitary clumps in the lawn, or as 4 to 5-foot backgrounds, and borders. The dried plumes make excellent winter decoration.

—Gracillima Univittata (Japan Rush). Narrow green leaves with a silvery white midrib, perfectly hardy.

—Japonica Variegata. Long narrow leaves, striped with green and white.

Phalaris Arundinacea Variegata (Ribbon Grass). 1½ to 2 feet. Broad green leaves striped length-wise with creamy white.
55 cts. for 3; $2.00 per dozen; $14.00 per 100.

Gypsophila Bristol Fairy

Gypsophila Paniculata (Baby's Breath). A branching fine-stemmed plant rapidly forming a 2 to 3-foot mound. During mid-summer, the surface is a fleecy mass of white in loose panicles of minute, but myriad flowers. Sprays of these are largely used for mixing with high colored flowers, with delightful effect in bouquets. 55 cts. for 3; $2.00 per dozen; $14.00 per 100.

Bristol Fairy. A sensational new development of the double flowered Gypsophila, adopted immediately by florists as a very valuable cutting subject. The bush itself is sturdier and more expansive than the type, with much larger florets in fuller panicles; the blooming season naturally longer, and possible of continuous all-summer show if earlier bloom is removed. Pure white, slightly blushed in cool weather.
$1.00 each; $2.50 for 3; $10.00 per dozen; $75.00 per 100.

—Repens. A beautiful trailing plant for the rockery, with clouds of small white and pink flowers in July and August. 55 cts. for 3; $2.00 per dozen; $15.00 per 100.

Helenium Autumnale Rubrum. Branching plants which make fine individual rounded bushes, or work to advantage in the medium section of a graduated perennial group. 3 to 4 feet. Orange flowers suffused terra-cotta red, a rich color appropriate to late summer.
65 cts. for 3; $2.50 per dozen; $17.00 per 100.

Helianthemum Mutabile (Fickle Sunrose). Of procumbent shrubby character, about 12 inches high, the young growth stiffly erect. Abundant inch-wide flowers in loose racemes, capriciously varying in color from yellow and white to rose and purple. A delightful dwarf border and rockery subject. June and July.
70 cts. for 3; $2.75 per dozen; $18.00 per 100.

HELIANTHUS (Hardy Sunflower). Hardy and quick growing, the numerous long-stemmed, single yellow flowers averaging from 3 to 5 inches in diameter.

—Maximilliana. 5 to 7 feet. Immense single flowers, rich golden yellow, center reddish brown. Very dark green, lanceolate drooping foliage, late bloom.
55 cts. for 3; $2.00 per dozen; $14.00 per 100.

—Mollis Grandiflorus. 4 feet. Light lemon yellow. Foliage large, rounded, silvered and quite hairy.
55 cts. for 3; $2.00 per dozen; $14.00 per 100.

—Multiflorus Plenus. 4 ft. Double, like the decorative dahlias, bright yellow. This is the most serviceable and beautiful of the compact types for cutting, and fits into landscaping groups admirably.
75 cts. for 3; $3.00 per dozen; $20.00 per 100.

A feature of this page is the new double Gypsophila. Use it with summer or winter bouquets.

Hemerocallis

HEMEROCALLIS. A useful family resembling Lilies in foliage and bloom, bearing a great quantity of yellow flowers during long periods of summer. Endure shade fairly well.

—**Middendorffi.** 2½ feet. Dark, clean foliage and clusters of lily flowers 5 to 6 inches long; bright golden yellow. May and June.
65 cts. for 3; $2.50 per dozen; $17.00 per 100.

—**Thunbergi.** 4 feet. Funnel-shaped flowers of buttercup yellow in July.
65 cts. for 3; $2.50 per dozen; $15.00 per 100.

Hepatica Triloba. 6 inches. A pretty little spring flower, blue, called "Liverleaf" on account of its foliage.
65 cts. for 3; $2.50 per dozen; $16.00 per 100.

Hesperis Matronalis (Sweet Rocket). Stout, bushy plants 3 to 4 feet high, with showy terminal spikes of pink flowers during June and July.
65 cts. for 3; $2.50 per dozen; $16.00 per 100.

Heuchera Sanguinea ("Coral Bells"). Grows about 2 feet high, with escalloped purple-tinged round leaves; and throughout the summer throws up innumerable erect, slender flower stems, each crowned with a loose umbel of coral-red flowers.
75 cts. for 3; $3.00 per dozen; $20.00 per 100.

Hibiscus (Mallow)

HIBISCUS (Mallow). Of quick shrubby growth requiring four feet of space, bearing quantities of large fall flowers like single hollyhocks; a showy background, and often used in association with medium to tall shrubs.

—**Crimson Eye.** White, with crimson throat.
65 cts. for 3; $2.50 per dozen; $16.00 per 100.

—**Red Marvels.** Various shades of red.
65 cts. for 3; $2.50 per doz.; $16.00 per 100.

—**Mixed Marvels.** A possibility of red, pink, or white—or all.
55 cts. for 3; $2.00 per dozen; $15.00 per 100.

HOLLYHOCKS

This stately old plant is truly "King of the Garden." Hollyhocks inject so much of color and life and picturesqueness into tall backgrounds with their densely set pillars ranging in height from 4 to 7 feet, ablaze throughout the summer. Set directly against an old, weather-worn building, they screen the evidence of decay with a thrilling suggestion of comfort and loving care.

Double Hollyhock

Exquisite.

(New Anemone-flowered type). Densely double, the large flowers 4 to 5 ins. wide, in close tiers along the spike. Each petal is uniquely curled and fringed like the double petunias, with white margin and a high-colored blotch like pelargoniums. These dominating colors range through shades of pink and purple. **Mixed.**
75 cts. for 3; $3.00 per dozen; $20.00 per 100.

Newport Pink.

A distinct and very beautiful new double-flowered variety, with compact spikes of colossal size; brilliant, pure pink.
65 cts. for 3; $2.50 per dozen; $17.00 per 100.

Double Flowered.

Large rosettes of paper-like tissue, very compactly layered. We offer them in the following separate colors. **Crimson, Yellow, White, Maroon** and **Pink.**
55 cts. for 3; $2.00 per dozen; $15.00 per 100.

Mammoth Fringed.

Extra large flowers semi-double and single, petals finely curled and fringed; colors shell-pink, rose, and ruby-red. **Mixed** colors only.
55 cts. for 3; $2.00 per dozen; $15.00 per 100.

Hyacinthus Candicans. 20 to 30 white, pendant, bell-shaped flowers on stalks 3 to 4 feet high. Blooms early and till late fall. Should be planted rather close for mutual support, preferably in straight lines, and be heavily mulched as winter protection.
40 cts. for 3; $1.50 per dozen; $10.00 per 100.

Iberis Sempervirens. Hardy white Candytuft. One of the prettiest and most substantial of all white flowered perennials which bloom in early spring.
65 cts. for 3; $2.50 per dozen; $17.00 per 100.

Inula Royleana. 2 feet, midsummer. Very large many-rayed single flowers pure orange-yellow, on upright unbranched stems; the black buds prettily conspicuous.
65 cts. for 3; $2.50 per dozen; $17.00 per 100.

Queen Caterina

CHOICE IRIS

Paint your garden with gorgeous colors from this Iris Palette

IRISES are extensively used in solid rows or evenly spaced groups along the backyard walks; in the foreground of shrubbery groups, and to some extent in narrow spaces against the foundation—as much on account of their compact, hedging foliage so attractive all the year, as for the beauty of their flowers. But the garden is their rightful home, and modern interest and appreciation accord them high honor and garden prominence. For a most beautiful effect plant a series of varieties in groups of six of a kind. Our plants are well-rooted quality stock.

A German Iris Border

GERMAN IRIS

Iris Germanica. The lovely "Fleur de Lis" of France, with handsome foliage; and exquisite, haunting fragrance and delicacy of tinting in their May and June flowers.

Although capable of establishment in any kind of soil, they will attain greater perfection of growth and flowering in a damp soil if well drained and fully in the sun.

PRICES. If included with, or separately shipped by express or freight, deduct 25 cts. per dozen. The hundred rate is for express.

Alcazar. Very large, broad petals. Standards pale lilac blue with golden bronze throat; falls rich violet purple.
75 cts. for 3; $3.00 per doz.; $20.00 per 100.

Ambassadeur. This is one of the finest examples of progress in the bronze type which "Prosper Laugier" first popularized, and "Lord Roseberry" bettered. Ambassadeur shows vigorous growth, with strong three-foot stems, and large flowers of great substance. The standards are a murky bronze effect, combining yellow with hyssop-violet. The broad falls are very velvety, a rich carmine-purple. Rated 9.4.
$2.00 per 3; $8.00 per doz.

Candelabra. Large and striking. Standards light mauve dusted with violet; scapes silvery white. Falls perfectly limp with sharply defined veins converging to a solid blotch of almost black violet at the ends. 65 cts. per 3; $2.50 per dozen; $15.00 per 100.

Her Majesty. Forerunner of the recent popular "pink" irises, and still very worthy. Of dainty texture and contour, its white surface is suffused with blush pink, more emphatically pencilled on at the margins. 65 cts. for 3; $2.50 per dozen.

Jeanne d'Arc. A delicate, dainty sort of good size and form; white with edges partly checked and scapes heavily suffused in violet; exquisitely scented and one of the prettiest of all.
75 cts. per 3; $1.00 per doz.

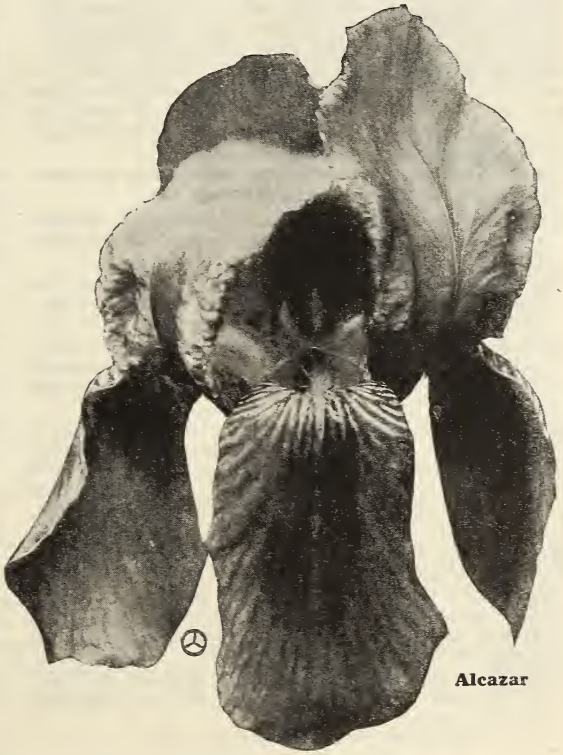
Lohengrin. One of the choicest of the Pallida type, tall and strong growing. Flowers very large and refined, uniformly colored a soft shade of Cattleya rose, weakening to almost white at the claws.
65 cts. per 3; $2.50 per doz.; $15.00 per 100.

Lord Roseberry. Bronze, stained heliotrope; falls garnet, violet checked, mahogany and yellow at base. A golden goblet overturned; the ruby vintage running away, leaving its pale stains on the cloth above, and its grape perfume in the air.
75 cts. per 3; $3.00 per doz.

Princess Beatrice. The true exemplar of that noted and frequently modified type known as **pallida dalmatica.** Of distinguished plant character, the strong flower stalks arising to three feet in height, the glaucous foliage unusually heavy. The flowers are of regal size and expression, sweetly scented, in color a clear lavender-blue just slightly silvered at base. $1.75 for 3; $6.75 per dozen; $45.00 per 100.

Queen Caterina. Extreme delicacy of coloring coupled with unusual vigor, substance and great size. A pleasingly fragrant one-color iris; azure lilac. A distinctive "moonlight" effect is produced by the silvery coating and reflex, the strong bronze haft, and orange beard. Certainly a choice variety. Rated 9.1. $1.50 per 3; $6.00 per doz.

Sherwin-Wright. Solid, all-over buttercup yellow. Bloom very free and long-lasting; no better clear yellow variety, although small. 90 cts. per 3; $3.50 per doz.; $22.00 per 100.



Alcazar

Irises are easy to grow. Plant them in masses for finest effects

THE S. & H. JAPAN IRIS SET

Left to Right—Top Row, Nos. 2, 4, 5, 1. Bottom, Nos. 3 and 7

BEAUTIFUL JAPANESE IRIS

Iris Kaempferi. Last of the wonderful Iris procession in point of season; but for size of plant and flowers, shapeliness, richness of coloring, beauty of pattern, and splendor of general effect, is unquestionably accorded first. Their flowers are generally rather flat and wide, often measuring 10 to 12 inches across, appearing in great profusion during June and July after the Germans are through. We have tried out a great many varieties, and honestly believe this assortment of ours to be as good and representative as can be found. Give good, rich light soil, plenty of water, and frequent cultivation. The following varieties are arranged according to their relative blooming season.

Unless noted, By mail, $1.00 for 3; $4.00 per doz. By express, $3.75 per doz.; $25.00 per 100.

1—Gekka-no-nami (Waves under Moonlight). Earliest to bloom, and very free. Glistening white with creamy white stigmas.

2—Sea Crest. Six petaled, big and wavy; with a deep blue haft. A rift of blue in the glistening spray of white caps. $1.25 for 3; $5.00 per doz.; $30.00 per 100.

3—Monlji-no-taki (Maple Waterfall). A choice double variegated variety; bright rosy crimson, beautifully feathered in white. Petaloid-stigmas white, purple crested.

4—Koki-no-Iro (Purple and Gold). Enormous double flowers often ten inches across, early and free blooming; one of the very best varieties. Color, rich violet-purple with white petaloids tipped violet. The conspicuous golden throat extends outward in sharp bluish white rays.

5—Uchiu (Universe). Beautiful, six-petaled flowers of largest size, on the longest stems. Color, cerulean blue with golden center and white halo from which radiate many clear white lines. Standards white, tipped blue. This variety covers the longest blooming season and is altogether one of the most attractive.

6—Mahogany. Large double flowers, the latest to bloom. Velvet-toned, deep mahogany-red; the erect petaloids prettily crested.
3 for $1.25; $5.00 per doz.; $35.00 per 100.

7—Iso-no-Nami (Shallow Waves). A magnificent broad-petaled variety; one of the largest flowered, and the latest to bloom. Color a nebulated suffusion of rose and cerulean blue over white, deepening toward the gold flushed center of rosy lilac.
$1.25 for 3; $5.00 per dozen.

JAPAN IRIS SET OF THE 7 ABOVE (1 EA.)
By mail, for $2.75; by express, for $2.60.
3 each (21 roots) by mail, $7.50; by exp., $7.00.

SIBERIAN IRIS

Iris Sibirica. A very showy and prolific type of slenderly compact habit; with narrow, grassy foliage and 2 to 3-foot upright stems; furnishing a prodigious amount of medium sized flowers during June—between the German and Japan sections.

Orientalis (Atrosanguinea). Intense violet blue, the bud being enclosed in conspicuous crimson spathe valves. 3 feet.
55 cts. for 3; $2.00 per doz.

—Boy Blue. Bright blue, with white center. 4 feet.
55 cts. for 3; $2.00 per doz.

—Snow Queen. Ivory white. 3 feet.
65 cts. for 3; $2.50 per doz.

Lathyrus Latifolius (Hardy Perennial Pea). A rampant climbing perennial liberally furnished with good screening foliage. Its tendrils cling well, the numerous, large flowers are typical peas but scentless, in dense clusters, continuous, and long-lasting either on the vine or cut. **Red** or **White.**
70 cts. for 3; $2.75 per dozen; $18.00 per 100.

LIATRIS Pycnostachya (Blazing Star, or Gay Feather). 4 to 5 feet. Unique, mid-summer flowers showing a blaze of light rosy purple from tip to base of each feathery stalk. A fine punctuation plant. Illustrated in color on third cover.

—Callilepis. Shorter and stockier than above, when in bloom only 2 to 3 feet; the spikes bulkier, with a greater expanse of feathery bloom at one time; deep purple. **70 cts. for 3; $2.75 per dozen; $18.00 per 100.**

Our Japanese Iris Set is without a peer

HARDY LILIES

Spotless whites and glorious colors. No garden is complete without Lilies.

MOST lilies will succeed in any light, sandy or loamy soil if sufficiently enriched and properly drained. Decayed peat and leaf mold are often successfully mixed with the other soil Well rotted cow manure is best, thoroughly mixed in; followed in after years by top dressing. Fresh manure must be avoided.

Auratum (Gold-banded Japan Lily). This variety has ever been a great favorite. The flower heads are large, with broad petals gracefully recurved. White, thickly studded crimson-maroon, with a wide gold band down the center of each petal. **First size,** 35 cts. each; 3 for 90 cts.; $3.50 per doz.; **Extra large,** 50 cts. each; 3 for $1.25; $5.00 per doz.

Auratum Platyphyllum (Macranthum). Superior to the type, being a larger, stronger grower (6 to 10 feet), with flowers often a foot across. Has the typical waxy white color and pattern, but is less spotted. 75 cts. each; 3 for $1.90; $7.50 per doz.

Batemanniae (Turk's Cap). Bright apricot tinted flowers; blooms in July. 40 cts. each; 3 for $1.00; $4.00 per doz.

Elegans Mixed. Orange red, but with considerable variety as to shades and spotting. 30 cts. each; 3 for 75 cts.; $3.00 per dozen; by express, $18.00 per 100.

Hansoni. Three to four feet. Flowers come in clusters of 8 to 12, with thick and durable petals; bright orange, spotted with brown-purple. 70 cts. each; 3 for $1.75; $7.00 per doz.

Henryi (Yellow Speciosum). One of the finest hardy Lilies, of strong, vigorous growth, with flower stalks 3 to 5 feet long; deep apricot-yellow, lightly spotted brown. 75 cts. each; 3 for $1.90; $7.50 per doz.

Krameri. Beautiful trumpet shaped flowers, exceedingly fragrant; blush pink. A very dainty and pleasing variety. 70 cts. each; 3 for $1.75; $7.00 per doz.

Longiflorum Giganteum. One of the most reliable and fragrant garden Lilies, bearing its snow-white trumpets during June and July, in great abundance. As a forcer, it rivals the Bermuda Lily. 60 cts. each; 3 for $1.50; $6.00 per dozen.

The Regal Lily. A recent introduction from China. The flowers are white, slightly suffused with pink; with a beautiful glow of canary yellow at center, which continues part way up the trumpet. Its perfume is exquisite; not oppressively heavy like some types, but with the sweet refreshment of the Jasmine. In the garden it commences to bloom in June, with the main crop in July. Hardier than most kinds.

RARE BARGAIN
The Regal Lily
SEE INSERT

First size, 50 cts. each; $5.00 per doz.; $40.00 per 100.
Extra large, 65 cts. each; $6.50 per doz.; $50.00 per 100.

Rubellum. Very dwarf and compact, seldom more than one foot high; very pretty as a dwarf bedder, and does well as a pot plant (3 bulbs to a 5-inch pot). It blooms early and liberally, with charming rose pink flowers about 3 inches long. 50 cts. each; 3 for $1.25; $5.00 per doz.

Speciosum Album. Pure white with a green band traversing the center of each petal.. 75 cts. each; 3 for $1.90; $7.50 per doz.

Speciosum Magnificum. Superior size and character; rich, deep red. 40 cts. each; 3 for $1.00; $4.00 per doz.

Speciosum Melpomene. Large deep crimson, heavily spotted. 40 cts. each; 3 for $1.00; $4.00 per doz.

Speciosum Rubrum. This is one of the joys of August; ruby spots informally distributed over a broad expanse of white. 40 cts. each; 3 for $1.00; $4.00 per doz.

Superbum. Runs from 3 to 6 feet in height, its nodding crests adding to the general brilliance of July, with from five to forty handsome orange-red blooms. 30 cts. each; 3 for 75 cts.; $3.00 per dozen; $20.00 per 100, by express.

Tigrinum Splendens. Single flowers of orange, spotted black. The well known and highly prized "Tiger Lily." 20 cts. each; 3 for 50 cts.; $2.00 per doz., $15.00 per 100.

Tigrinum fl. pl. (Double Tiger Lily). 20 cts.; 3 for 50 cts.; $2.00 per doz.; $15.00 per 100.

Umbellatum Grandiflorum. Tall growing as well as stocky, upright; beautiful bell-shaped flowers of coppery orange and red, sometimes slightly spotted. 25 cts. each; 3 for 65 cts.; $2.50 per dozen, $18.00 per 100.

Auratum

Longiflorum

Speciosum Rubrum, Album

Order your Regal Lilies early. We are almost sure to sell out the supply

LILY OF THE VALLEY

Just the thing to put into that cold, shaded strip along the walk on the east or north side of your house. The loose panicles of tiny bellflowers set low in their emerald foliage, and are not conspicuous; but they do cover the waste ground, furnish a vast amount of cut sprays, and sweetly perfume the entire yard.

Holland Pips. 70 cts. per doz.; $4.00 per 100; by express, $35.00 per 1000.

Lily of the Valley

Linaria Cymbalaria (Kenilworth Ivy). A pretty creeping rock plant with good foliage and small lilac-blue flowers. Also a good trailing plant for wall gardens.
75 cts. for 3; $3.00 per dozen; $20.00 per 100.

Linum Perenne (Flowering Flax). Very desirable within dwarf perennial beds, very much at home in rockeries. The plant bushes up evenly about 18 to 24 inches with dainty glaucous foliage, the surface spangled with perfectly round, flat, solitary, azure-blue flowers from May to August. A fresh crop with each morning's dew.
65 cts. for 3; $2.50 per dozen; $16.00 per 100.

Lobelia Cardinalis (Cardinal Flower). Intense cardinal-red flowers arranged in stocky spikes 15 to 18 inches long, keep the plant aflame throughout August and September. Naturalizes easily in widely varied soils and degrees of light and moisture.
65 cts. for 3; $2.50 per dozen; $17.00 per 100.

Lupinus Polyphyllus (Lupine). Conspicuous, lovely flower spikes a foot long, on three foot stems, the foliage below also attractive in many leaved whorls. Although the plant is hardy, it must be guarded carefully against drying out. The flowers are pea-shaped, very evenly spaced along the spike. In separate colors—**Blue, Rose** or **White.**
75 cts. for 3; $3.00 per dozen; $20.00 per 100.

LYCHNIS. Thrifty plants of moderate growth valued for the blazy effectiveness of their summer flowers.

—**Chalcedonica** (Maltese Cross). 2½ feet. Heart-lobed stars of brightest vermilion, arranged in large flat panicles.

—**Haageana.** 1 foot. Extremely brilliant and showy orange-scarlet, individual flowers 1½ to 2 inches wide.

—**Viscaria Splendens** (Lamp Flower). A bushy plant about 2 to 2½ feet high. Almost evergreen foliage; in June and July fairly ablaze with close spikes of crimson flowers.
65 cts. for 3; $2.50 per dozen; $17.00 per 100.

Lythrum

Lythrum Roseum Superbum. (Loosestrife). Shrubby perennial growing 2 to 5 feet under varied cultivation, at their best in cool and moist location, although quite successful in the average border and among shrubs. The flowers are borne freely in long terminal racemes from June intermittently to September. Bright rose color.
65 cts. for 3; $2.50 per dozen; $16.00 per 100.

Mertensia Virginica (Blue Bells). 18 inches. Native of the woods and borderlands, when once established should not be disturbed. Pretty tubular flowers in drooping racemes during May and June, at first a warm blue gradually discoloring to pink.
65 cts. for 3; $2.50 per dozen; $16.00 per 100.

MONARDA Didyma, Cambridge Scarlet. A 2-foot, bushy coarse-leaved plant, covered with round, full heads of red flowers with a ragged petalage. Known as "Bergamot," "Oswego Tea," "Mint," etc., on account of the delicious fragrance of their leaves when crushed.

—**Purpurea.** Purple flowered.

—**Rosea.** Pink flowered.
65 cts. for 3; $2.50 per dozen; $17.00 per 100.

Myosotis Palustris. The true "Forget-me-Not," appealing in its modest, azure beauty and cherished for its sentiment. Bushes up to 18 inches high, and blooms profusely during early summer.
65 cts. for 3; $2.50 per dozen; $15.00 per 100.

Nepeta Mussini (Ground Ivy, Catnip). 1-1½ feet. A useful and pretty rock plant of dwarf, compact habit, its beautiful lavender flowers produced in masses.
75 cts. for 3; $3.00 per dozen; $20.00 per 100.

Oenothera Youngi (Evening Primrose). 18 inches. Fresh foliaged plants blooming practically all summer; at home in the rockery or in exposed groups under the hot sun. Bright lemon yellow, 1 to 2 inch flowers in numerous small clusters.
55 cts. for 3; $2.00 per dozen; $15.00 per 100.

Pachysandra Terminalis. One of the best ground covering plants particularly valuable in shade, averaging 6 to 8 inches in height and branching freely into a dense mat. Its shapely, indented foliage is practically evergreen; thick, rubbery, lustrous dark green.
$2.00 per dozen; $12.00 per 100; $100.00 per 1000.

Prices: Offered by 3's, dozens, and hundreds. In flower beds where units are generally small, we feel that three is the least number practical for making a show, and to save disappointment if one should die. We can also handle three as cheaply as one—at consequent saving to you. **All prices for 3 or dozen are for delivery by mail, postage prepaid unless otherwise specified. The 100 rate is always priced for express. Express shipments are not prepaid.**

PAPAVER, Orientale. Brilliant "Oriental Poppy" with immense, flaming flowers of orange scarlet, supreme color blotches among the prevailing greens of early spring. 65 cts. for 3; $2.50 per dozen; $17.00 per 100.

—**Orange Glow.** Medium size flowers, bright orange. Exceptionally free and long lasting. 90 cts. for 3; $3.50 per dozen; $27.50 per 100.

—**Nudicaule.** The "Iceland Poppies" bloom with extravagant freedom during early summer, and in lesser degree throughout; two-inch saucer-shaped flowers, on slender stems, making delightful bouquets, as well as a vivid garden show. **Bakers Sunbeam Mixture.** 65 cts. for 3; $2.50 per dozen; $17.00 per 100.

—**Pilosum** (Olympic Poppy). Elongated leafy stem-freely branched; very showy with 2-inch flowers of brick red. 65 cts. for 3; $2.50 per dozen; $16.00 per 100.

PENTSTEMON. Border and rockery plants of long summer blooming season, the flowers somewhat resembling Foxglove, in uncrowded upright spikes.

—**Barbatus Torreyi.** (Scarlet Beard Tongue). Close set spikes of small, brilliant, scarlet flowers on slender, nodding, 3 to 5 feet stems. They do not take up much room, but are showy sparkling among other flower heads. July and August.

—**Gordoni Splendens.** 1 to 2 feet. Inch long flowers broad at the mouth, bright blue to purplish.

—**Large Flowered Hybrids.** Medium height, very gay with the imposing flowerhead colors ranging widely but all vivid and attractively marked.

65 cts. for 3; $2.50 per dozen; $17.00 per 100.

PEONIES—*for Splendor*

THE Peony bears the first big flower crop of June, and is a close rival of the Rose. While in season, it is more lavish in its bloom, and makes the more pretentious show, besides which it is hardier and more easily cultivated. Peony blooms are very lasting when cut, and in most cases are exquisitely scented.

Plant 2 to 3 feet apart in deep, rich, well-prepared soil, covering the buds but an inch or two. Do not expect too much of them the first year, as they are a little slow in establishing themselves.

Peonies should properly be planted in September, but may be safely moved in spring, if attended to early. We are offering below a few kinds unsold from stock prepared for last fall's sale. If you do not buy them before they commence to sprout, we shall transplant them ourselves. We will dig no stock from the fields before September next. **Order and plant early.**

Marguerite Gerard

Mons. Jules Elie

DOUBLE PEONIES

3 to 5 Eye Divisions. Price per dozen is 10 x each price.

Albatre. Milk-white shaded ivory, the interior petals slightly tinged with lilac, which condenses to a carmine thread at the edges. There is no white Peony with more perfect globular, substantial form, or delightful fragrance; midseason. Rated 8.5. 75 cts.

Canariensis. Flesh white, canary center. 50 cts.

Duke of Wellington. High centered white, guards slightly blushed. 50 cts.

Edulis Superba. Very large, round and fluffy flower, bright rose pink. The silvery reflex and crinkled petals cause a charming mottled appearance. One of the earliest. 50 cts.

Felix Crousse. Midseason. Large, round heads perfectly double; deep crimson, marked cardinal at base of petals. This is a favorite not only because of its bright red color but because its shape is so consistently good. Rated 8.4. $1.00.

Karl Rosenfield. A better Peony and a better quality of red than any of the older red sorts; the purple which depreciates most red Peonies, being almost lacking in this one, leaving it pure, rich, intense crimson. Of half-rose type, it makes and remains a splendid full, rounded flower of excellent substance, equally valuable as cut flowers or garden glow. Rated 8.8. $1.25.

La Tulipe (The "Stick Candy" Peony). A good sized white sort, with long and wide petals, occasionally blotched, and outside of base streaked with carmine. 50 cts.

L'Indispensable. Tall, late midseason, very free, the flowers of thick globular rose type; uniform flesh pink weakening to white. 50 cts.

Marguerite Gerard. Magnificent, broad, thick heads of Hydrangea pink, marbled on creamy white, and further enriched by collars of golden anthers. Rated 8.4.75 cts.

Mme. de Verneville. Medium sized, globular flower, petals crinkly and semi-transparent. Creamy white flaked purple at center. A delightful, clustered bedder. Rated 7.9. 50 cts. each; $5.00 per doz.; $38.00 per 100.

Mme. Ducel. One of the choicest varieties for cutting both as to form and color. Shaped like the high-built Chrysanthemums, and colored evenly a warm, true pink, its beauty is irresistible. One of the extremely few kinds to hold its original form to the last. Rated 7.9. 75 cts.

Mme. Emile Galle. Late blooming; one of the daintiest and most delicate, yet full of substance. Shell shaped petals of blush, waxy white at base; center a warm shell pink. The half opened buds are exquisite. Rated 8.5. 75 cts.

Mons. Jules Elie. (Rated 9.2). The peerless pure pink. Broad reflexing guards with a high pyramidal body of semi-quilled petals converging to an apex. One of the largest, handsomest and most lasting cutting sorts in existence. $1.00.

Virginie. Extremely floriferous, very large, and a gorgeous bedding show. Soft pink varied with straw color and white. Although heavily petaled and at first compact, its tendency is to relax and acquire a richer beauty with the revelation of its golden stamens. Blooms lavishly in clusters, and is sweetly fragrant. 50 cts.; $5.00 per dozen. By express, $38.00 per 100.

PHLOX

Phlox are reliable mid-summer bloomers—by furnishing extra fine plants we have built up a wonderful trade in hardy Phlox—try some.

PERENNIAL Phlox can be used to advantage in the hardy border, in large groups on the lawn, or planted in front of belts of shrubbery, where, by judicious pinching back and removing faded flowers, a constant succession of bloom may be had until frost. Our list of varieties has been largely increased and strengthened through importation from the best European growers during the past few years.

One of the Choicest Pinks

Miss Lingard

Strong field grown roots.
If not noted, price is 55 cts. for 3; $2.00 per dozen; By express, $15.00 per 100.

PHLOX PANICULATA

Baron van Dedem. Large trusses and florets, a beautiful shade of orange-red tinged with old rose.
65 cts. for 3; $2.50 per dozen. By express, $18.00 per 100.

B. Comte. Brilliant, rich and highly pleasing to the eye; French purple or wine color.
65 cts. for 3; $2.50 per dozen. By express, $18.00 per 100.

Beacon. Compared with other modern reds, this variety has been outstanding through several seasons; good size, good habit, vivid coloring—unmixed, ripe cherry red.
65 cts. for 3; $2.50 per dozen. By express, $18.00 per 100.

Champs Elysee. Brilliant crimson-purple flowers, in broad heads.

Commander. Exceptionally large flowered, with strong and bushy growth. Luminous cherry-red with conspicuous dark eye.
90 cts. for 3; $3.25 per dozen; $25.00 per 100.

Elizabeth Campbell. Purest shrimp pink, with a sharply defined white sunburst around the lilac-circled eye. One of the loveliest color combinations ever produced.
90 cts. for 3; $3.25 per dozen. By express, $25.00 per 100.

Enchantress. Soft salmon-pink with a dark red eye. Compared with Elizabeth Campbell, it shows greater vigor, more attractive shiny foliage, and a warmer salmon tone.
90 cts. for 3; $3.25 per dozen. By express, $25.00 per 100.

Phlox Subulata—one of the first to bloom in Spring

Europa. A particularly strong, sturdy and distinct variety, white with pronounced crimson-carmine iris.

Feuerbrand. Cerise and vermilion flamed with orange; one of the largest flowered in the orange-red section.
90 cts. for 3; $3.25 per dozen; $25.00 per 100.

Gen. van Heutz. A blue-eyed beauty. Soft salmon-red; small carmine center with white iris, and fringing rays of light blue. 70 cts. for 3; $2.75 per dozen; $20.00 per 100.

Iris. A new imported variety, named to interpret the rather deep purplish blue of irises.
70 cts. for 3; $2.75 per dozen; $20.00 per 100.

Minnie West. Glittering scarlet shaded salmon, with white eye. Dwarf growth, but a heavy bloomer with splendid trusses.
$1.00 for 3; $4.00 per dozen. By express, $30.00 per 100.

Miss Lingard. Longest spikes of any phlox—blooms from the ground up; the earliest blooming, sweetly fragrant. Waxy white, lavender eye.
65 cts. for 3; $2.50 per dozen. By express, $18.00 per 100.

Mme. Benzanson. Close trusses of small florets; roseate salmon-red, with velvety maroon eye; dark stems.

Nicolas Flammel. A beautiful new red; bright carmine-lake with golden salmon suffusion and crimson eye.
$1.00 for 3; $4.00 per dozen. By express, $30.00 per 100.

Prof. Virchow. Broad flat flowers, bright carmine with an over-lay of orange-scarlet.

Rheinlander. A rare mottled salmon-pink intensified by a distinct claret-red eye. Flowers and truss of unusual size.

R. P. Struthers. A smooth blending of rosy carmine, with salmon; claret-red eye. A choice soft red sort.

Ryndstrom. A lively Paul Neyron shade of rose-pink.

Thor. A charming variety with very large flowers; soft, ruddy salmon with a bleached mottling about the eye of aniline red.

Von Hochberg. A recent novelty of extra size and depth of color; liquid amaranth-red.
65 cts. for 3; $2.50 per dozen. By express, $18.00 per 100.

Widar. Light reddish violet with white central star.

Unless noted, 55 cts. for 3; $2.00 per dozen. By express, $15.00 per 100.

MOSS PINK [Phlox Subulata]

Ground covering, creeping phlox, or "Moss Pink". Often used for covering graves, surrounding old stumps and even large growing trees. A striking bordering plant for early spring growing to a wide mat, the bloom all-covering.

Rosea. Bright rose-pink flowers.

Alba. White.

55 cts. for 3; $2.00 per dozen; $15.00 per 100.

Physalis Francheti (Chinese Lantern Plant). Grown for the large bladder-like, orange-red fruits which cover the branches in autumn, and may be dried for winter decoration.
65 cts. for 3; $2.50 per dozen; $18.00 per 100.

Physostegia (False Dragon Head). Handsome midsummer flowering plants, 2 to 3 feet high; bearing broad, dense, conspicuous spikes of tubular flowers.

—**Speciosa Alba.** Pure white.

—**Virginica.** Rosy purple.
65 cts. for 3; $2.50 per dozen; $17.00 per 100.

PLATYCODON Grandiflorum (Balloon Flower). 2 to 3 feet. Blooms constantly from July until late September; flowers large bell-shaped, in numerous loose racemes. **Blue** or **White.** 65 cts. for 3; $2.50 per dozen; $15.00 per 100.

—**Mariesi.** Numerous two-inch bells, more compact and dwarf growing than Grandiflorum, and blooms earlier. 65 cts. for 3; $2.50 per dozen; $17.00 per 100.

"Chinese Lantern Plant"

Ranunculus Repens fl. pl. (Crowfoot or Double Buttercup.) A trailing plant, useful as a ground covering. Masses of yellow button flowers during May and June.
65 cts. for 3; $2.50 per dozen; $16.00 per 100.

RUDBECKIA "Golden Glow." 5 to 7 feet; early summer until frost. Dahlia-like golden-yellow flowers.
55 cts. for 3; $2.00 per dozen; $14.00 per 100.

—**Newmani.** Grows 1½ to 2 feet; plentifully supplied with broad single flowers of orange-yellow with a prominent brown cone.
65 cts. for 3; $2.50 per dozen; $17.00 per 100.

—**Purpurea** (Purple Cone-flower). Large drooping petals colored reddish purple, with a remarkably large cone-shaped center of brown, thickly set with golden tips in spiral lines. 2 to 3 feet.
65 cts. for 3; $2.50 per dozen; $17.00 per 100.

Plumbago Larpentae (Lead-wort). An attractive 12-in. edging plant. The tiny leaves of apple green are a rich setting for spiky red buds, and clusters of phlox-like cobalt blue flowers late in summer.
75 cts. for 3; $3.00 per dozen; $20.00 per 100.

POLYANTHUS. 6 to 12-in. edging plants, resplendent throughout the spring months with showy single flowers.

—**Giant Crimson.** Crimson with yellow center.

—**Giant Yellow.** Canary yellow with dark eye.
75 cts. for 3; $3.00 per dozen; $20.00 per 100.

PYRETHRUM Roseum Hybridum. (Painted Daisy). 2½ feet. A colorful garden show from June on throughout the summer, and also a charming cut flower. The flower construction varies from a full petaled anemone or Marguerite shape, to a larger size in plain single. Mixed shades of red and pink. Illustrated in color on third cover page.
65 cts. for 3; $2.50 per dozen; $16.00 per 100.

—**Uliginosum.** Very large, evenly rayed white daisy, the petals slender and needle pointed.
65 cts. for 3; $2.50 per dozen; $16.00 per 100.

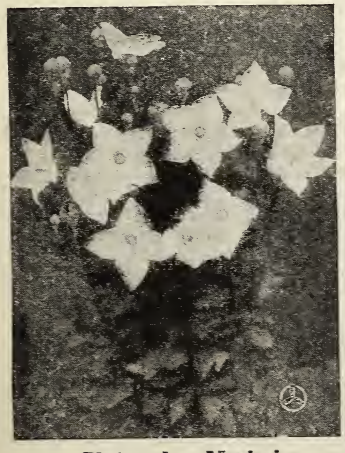
Salvia Azurea Grandiflora (Meadow Sage). A Rocky Mountain species of salvia, very pretty in August and September with its profusion of sky-blue flowers. 2 to 3 feet.
65 cts. for 3; $2.50 per dozen; $15.00 per 100.

—**Pitcheri.** A splendid 3 to 4-foot border plant, well branched and bushy; bearing in great profusion, during August and September, showy wands of bright gentian-blue flowers.
70 cts. for 3; $2.75 per dozen; $18.00 per 100.

—**Saxifraga Cordifolia.** (Rockfoil). Useful for front of the border or rockeries, their 12 inch growth of broad green foliage being effective all the year; their dainty umbels of flowers breaking out very early in spring. Light pink. 90 cts. for 3; $3.50 per doz.; $25.00 per 100.

—**Scabiosa Caucasica** (Blue Bonnet). Very showy, freely produced cutflowers, on stems 18 to 24 inches long; June-Sept. A soft lavender blue.
70 cts. for 3; $2.75 per dozen; $18.00 per 100.

SEDUM (Stone Crop). Handsome, rubbery leaved plants at home in dry soil and in rockeries.



Platycodon Mariesi —the Dwarf Balloon Flower

—**Sedum Acre** (Golden Moss). Very dwarf and dense, like moss, used for edging, or for carpeting graves. Foliage green, the all-covering early summer flowers bright yellow.

—**Alba.** Glaucous green moss; white flowers.

—**Spectabilis.** 15-18 inches. Large leaved, upright; crowned with massive flat cymes of rose-colored flowers.

—**Brilliant.** Dark crimson flowers.

—**Spurium Coccineum.** 6 inches. One-inch leaves on creeping branches; crimson flowers on red stems.
65 cts. for 3; $2.50 per dozen; $16.00 per 100.

Silene Schafta (Autumn Catchfly). A low border or rock plant, 4 to 6 inches, with masses of bright pink flowers from July to October.
65 cts. for 3; $2.50 per dozen; $17.00 per 100.

Special Jubilee Offer of Perennials—Third Cover

Physostegia

All perennials listed in this catalog are hardy in the Great Lakes region

Spirea Ulmaria (Meadow Sweet). June to July. Best in partially shaded, moist location; handsome foliage and three-foot plumes of cottony white flowers.
75 cts. for 3; $3.00 per dozen; $22.00 per 100.

Statice Latifolia (Sea Lavender). 15-18 inches. Tufts or clumps of thick, leathery foliage and immense panicles of delicate blue flowers. Individual flowers very minute, similar in form to the Forget-me-not, but made into heads 18 inches or more across. Will last for months as house decoration, if carefully dried.
65 cts. for 3; $2.50 per dozen; $17.00 per 100.

Stokesia Cyanea. (Stoke's Aster). 1½ to 2 feet. July to October. Flowers often measure 4 to 5 ins. across.
—**Lavender** or **White.**
65 cts. for 3; $2.50 per dozen; $16.00 per 100.

THALICTRUM (Meadow Rue). Handsome "mist" plants with fine cut foliage and great spreading heads of tiny flowers.
—**Adiantifolium.** 2 feet. Foliage like maiden-hair fern. Flowers in June or July, a tinted white.
75 cts. for 3; $3.00 per dozen; $20.00 per 100.
—**Dipterocarpum.** A graceful border plant growing about 4 feet high, with pretty, fine-cut foliage and a profusion of flower sprays during August and September. Color lilac-mauve, brightened by a bunch of lemon yellow stamens and anthers.
75 cts. for 3; $3.00 per dozen; $20.00 per 100.

Tradescantia Virginica (Spiderwort). 2-2½ feet. Richly green foliage and clustered blossoms an inch wide; in bloom all summer. **Blue** or **White.**
65 cts. for 3; $2.50 per dozen; $17.00 per 100.

TRITOMA—Pfitzeri (Red Hot Poker). Rush-like foliage supports smooth thick flower stalks a yard long, with a single fiery cone at the top. Brilliant scarlet, the opened lower petals rimmed with orange. July to September. A magnificent autumn cut flower.
75 cts. for 3; $3.00 per dozen; $22.00 per 100.

Tunica Saxifraga. A pretty tufted plant with light pink flowers produced all summer; useful either for the rockery or the border.
65 cts. for 3; $2.50 per dozen; $16.00 per 100.

Verbascum Miss Willmott. 4 to 5 feet. A bold background subject, with the refinement of cultivation evidenced in the Mullein foliage, and quite showy flower heads in white.
70 cts. for 3; $2.75 per dozen; $18.00 per 100.

Hacker's Variegated Leaf Yucca

Tritoma

Spirea Ulmaria

VERONICA (Speedwell). A very useful family of blue flowers, varying in size and shade, but all available for low borders and quite showy during their blooming season.
—**Incana.** 1 foot. Silver foliage, amethyst bloom; July to August. 65 cts. for 3; $2.50 per doz.; $17.00 per 100.
—**Longifolia Subsessilis** (Blue Bird Flower). 2 feet. Leaves roughened bronze-green. Flowers from July to September, in long, thick, compact spikes. Deep indigo blue.
—**Repens.** Creeping rock plants; light blue flowers. Interesting for small crevices among the rocks, but not long lived.
—**Rupestris.** A little rock plant not over 4 inches high, densely matted foliage which, in spring, is clouded over with bright blue flowers.
—**Spicata Rosea.** 18 inches. Slender pink spikes; June to July. 65 cts. for 3; $2.50 per dozen; $17.00 per 100.
Unless noted: 75 cts. for 3; $3.00 per dozen; $22.00 per 100.

Vinca Minor (Hardy Myrtle). A trailing evergreen plant used extensively for carpeting the ground under shrubs or trees where it is too shady for grass or other plants to thrive.
45 cts. for 3; $1.75 per dozen. By express—$12.00 per 100.

VIOLA (Tufted Pansy). Handsome dwarf edging plants which under proper treatment bloom fully eight months of the year. Hybrids of the Alpine Violet and Garden pansy.
—**Admiration.** Velvety wine purple.
—**Blue Perfection.—Yellow.—White.**
—**Jersey Gem.** A new variety, dwarf, bushy and continuous in bloom; pure, rich violet, and slightly perfumed.
65 cts. for 3; $2.50 per dozen; $18.00 per 100.
Except noted: 55 cts. for 3; $2.00 per dozen; $16.00 per 100.

Yucca Filamentosa. (Spanish Bayonet). The broad sword-like foliage is evergreen; while mid-summer shows great erect branching stems bearing a showy display of pendant, creamy white bells. 2-year.
30 cts. each; 75 cts. for 3; $3.00 per dozen; $18.00 per 100.

Hacker's Variegated Leaf Yucca.

Similar to above. The bayonet-like leaves are dark, bronze-green at center, breaking up with minor stripes to a broad outer edge of yellow. A striking punctuation plant for summer show, and ranking with evergreens for winter usefulness. Strong 1-year plants.
75 cts. each; $2.00 for 3; $7.50 per dozen; $50.00 per 100.

ORNAMENTAL TREES

S. & H. Quality-Thrifty Roots-Shapely Tops

A type for every purpose

THE succeeding lists represent the most favored trees for lawn adornment, and the best types for street and grove plantings. **We will be pleased to quote prices** to anyone desiring different sizes or stock in larger quantities than offered herein. In sending list, state definitely the number of each variety and size wanted.

Specimen Trees. For the first time we are this spring listing specimen trees according to caliper (or thickness of the trunk a few inches above ground). In addition to these sizes, we probably have some even larger, but such cannot be shipped in ordinary box or express cars. We are always pleased to allow personal selection by our customers of particular ornamental trees, but in no such case will listed prices apply.

Five or more of one kind and size, at ten rate; 25 or more at 100 rate.

AILANTHUS (Tree of Heaven). An extremely rapid grower with brilliant green, palm-like leaves. Thrives in city lots exposed to gas and smoke, and in soil where other trees perish.

6 to 8 feet—$1.50 each; $14.00 per 10.
8 to 10 feet— 1.85 each; 17.00 per 10.
10 to 12 feet— 2.50 each.
1¾ to 2 in., $4.00. 2 to 2½ in., $6.50.

ARALIA Japonica. Handsome small tree with spreading umbrella top. Foliage immense, finely divided; broad flat panicles of creamy white flowers in July; the whole creating a distinctly tropical effect.

3 to 4 feet—90 cts. each; $8.00 per 10.
4 to 6 feet—$1.25 each; $11.00 per 10.

BIRD CHERRY (Prunus Padus). A handsome flowering tree, bearing long clusters of white flowers in May, followed by bright red fruit, much beloved by birds. It is one of the earliest trees to leaf out in the spring.

6 to 8 feet—$1.50 each; $12.50 per 10.
8 to 10 feet— 2.00 each; 17.50 per 10.
10 to 12 feet— 2.50 each.

ASH—Fraxinus

American White. A tall rapid grower with smooth gray bark and glossy, fernlike leaves. For park groups, and very good for streets.

6 to 8 feet—$1.50 each; $14.00 per 10.
8 to 10 feet— 2.00 each; 18.50 per 10.
10 to 12 feet— 2.50 each; 22.50 per 10.
1½ to 1¾ in., $3.50. 1¾ to 2 in., $5.00
2 to 2½ in., 7.00.

Flowering Ash. Small and neat-growing, with terminal-panicles of fringe-like, greenish white flowers in May or June. 6 to 8 feet, $1.50. 8 to 10 feet, $1.75.

Catalpa Bungei—A popular Lawn Specimen Tree

BIRCH—Betula

American White (B. Populifolia). A rather small tree with smooth white bark and handsome foliage. Very effective when planted in front of evergreens, to afford strong contrast.

6 to 8 feet, $2.25. 8 to 10 feet, $3.00. 10 to 12 feet, $4.00.

Canoe or Paper (B. Papyrifera). A large, vigorous upright tree with broad, handsome leaves and brilliant white bark

6 to 8 feet, $2.25. 8 to 10 feet, $3.00. 10 to 12 feet, $4.00.

Cutleaf Weeping Birch

Cut-Leaved Weeping. Its tall, slender, yet vigorous growth, graceful drooping habit, silvery white bark and delicately cut foliage presents attractive characteristics rarely met with in a single tree. Very popular for single lawn specimens or groups; the white bark of trunk and twigs gleaming conspicuously among the darker greens and browns.

5 to 6 feet—$2.75 each.
6 to 8 feet— 3.25 each.

Scotch (European White, B. Alba). Similar to the American or Canoe-Birch, with slender branches and conspicuous silvery bark. After a few years growth assumes a graceful weeping habit, adding greatly to its beauty.

6 to 8 feet—$2.00 each; $17.50 per 10.
8 to 10 feet— 2.50 each.
10 to 12 feet— 3.50 each.

CATALPA

Bungei (Umbrella Catalpa). Grafted on stems either 5 to 6 or 6 to 8 feet high, it makes an umbrella-shaped top without pruning. Perfectly hardy, and flourishes in all soils and climates. Leaves large, glossy, heart-shaped, deep green, lying like shingles on a roof; always making a symmetrical head. Usually planted in pairs or in symmetrical rows.

5 to 6 feet—$1.75 each; $15.00 per 10.
6 to 8 feet— 2.00 each; 17.50 per 10.

Dwarf Bungei. Worked low; making a handsome dwarf specimen, with all the wealth of green foliage found in the standard form, clear to the ground.

2 to 3 feet, $1.25. 3 to 4 feet, $1.50.

Speciosa. A good looking tree developing quick shade. Large, heart-shaped, downy leaves, and compound panicles of white flowers, tinged violet, dotted purple and yellow. Of commercial value for fence posts, railroad ties, etc., on account of rapid, straight growth, and durability.

1¾-2 in., $3.00. 2-2½ in., $4.00 2½-3 in., $5.50.
1 year, by express, $1.25 per 100; $10.00 per 1,000.
1 year, by mail, 10 for 50 cts.; 100 for $2.00.

FLOWERING CHERRIES [Cerasus]

Weeping Cherry

A recently developed line of small sized flowering trees which is taking America by storm. Some types are well known, but most named varieties are new in the catalogs and in general use. Most of the following varieties are strictly Japanese, one or two of European introduction, and several are American adaptations. We have arranged them alphabetically by the most natural name, without too strict adherence to botanical classification.

Amanogawa. (Milky Way). A unique tree form similar to Lombardy Poplar, with upright branches hugging the main trunk. These are literally covered full length with also upright short stems crowned by lovely semi-double pink flowers of delightful fragrance. This type takes up little room, and is consequently very valuable as an accent shrub in general groupings.
3 to 4 feet, $5.00. 4 to 5 feet, $7.00.

Beni-Higan (C. Subhirtella). The famous **"Spring Cherry"** of Japan, deep pink in the buds, expanding to a flushed white. Grafted on 6 foot stems. $4.00 each.

Double White. A charming small tree with branches completely covered by a mass of large double white flowers in May. 4 to 5 feet, $2.50; 5 to 6 feet, $3.50; 6 to 8 feet, $4.50.

Double Pink (C. Sieboldi). Semi-double, white tinged with red.
3 to 4 feet, $2.00. 4 to 5 feet, $2.50.
5 to 6 feet, 3.50. 6 to 8 feet, 5.00.

Fujizan (C. Incisa). The **"Mt. Fuji Cherry."** Snow white blossoms with yellow anthers, equally beautiful after the petals have fallen when the conspicuous calyx shows red and finally crimson. 3 to 4 feet, $2.00; 4 to 5 feet, $2.50.

James H. Veitch (C. Fugenzo). One of the best varieties; large, double, pink flowers with reddish green calyx, contrasting attractively against the handsome foliage. 3 to 4 feet, $3.50; 4 to 5 feet, $5.00; 5 to 6 feet, $6.00.

Japan Weeping (C. Subhirtella Pendula). The **"Rosebud Cherry,"** longest known of this wonderful family in American landscapes; popularized by its adaptability to small lawns where its swaying wands, so thickly studded with light pink bloom, are an outstanding incident of spring. Grafted on 5 to 6 foot stems. 1 year heads, $4.00 each; 2 year heads, $5.00.

Kofugen. (Pink Saint). Vigorously upright and symmetrical. Crimson buds, expanding into double flowers that are red, fading to old rose. 3 to 4 feet, $5.00.

Naden. Abundant double flowers of large size and heavy texture, a warm blush pink maturing to a deeper shade, after a full two weeks of lovely bloom. 3 to 4 feet, $5.00.

Paul Wohlert. Dwarf and spreading—after ten years probably about ten feet high by eight feet spread. The flowers are semi-double, very early, red to deep pink.
3 to 4 feet, $5.00; 4 to 5 feet, $7.00.

Rhexi, fl. pl. Round topped, with a thick trunk and rugged gray bark. The inch and a half wide flowers are extremely double, profuse, pure white with two prominent green pistils. 3 to 4 feet, $2.00; 4 to 5 feet, $2.50.

Sekizan (Sacred Gate). Usually in bush form but of good height; the flowers being very full and double, deep pink or old rose, varying in tone according to weather conditions. Popularly used in Japan as gateway guardians. 3 to 4 feet, $2.50.

Shirofugen. Similar to above in character, but unique in that its buds are pale; and the opened flowers show but the merest tint of pink. 3 to 4 feet, $2.50.

CORNUS [The Dogwoods]

Cornus Florida (White Flowering Dogwood). Flowers white, 3 to 3½ inches in diameter, produced in spring before leaves appear; very abundant, showy and durable. Foliage grayish green, glossy and handsome; in the autumn turning to deep red. Spreading, irregular form, growing 20 to 25 feet high. Used with telling effect in tall shrub backgrounds and corner groups, to inject sparkling white bloom in spring, and for crimson autumn foliage.
2 to 3 feet, $1.00; 3 to 4 feet, $1.50; 4 to 5 feet, $2.50.

Cornus Florida Rubra (Red Flowering Dogwood). Slower growing and more formally shaped, with handsome red flowers. An attractive lawn specimen or group subject. Shipped out **"Balled and Burlapped,"** consequently quite heavy, and should go by freight if possible, to save transportation cost. 2 to 3 feet, $3.75; 3 to 4 feet, $5.00; 4 to 5 feet, $7.50; 5 to 6 feet, $12.00.

FLOWERING CRABS [Malus]

Rounded, compact, small trees, largely used in lawn groups and high shrub borders, for their profuse early bloom; their dense, glossy, handsome foliage which colors richly; and their ornamental fruits.

Bechtel's Crab

Atrosanguinea. Makes a beautiful contrast to the other varieties by reason of its darker red flowers. The buds are deep purplish red, and the entire flower tinged purplish.
3 to 4 feet, $1.25; 4 to 5 feet, $1.50; 5 to 6 feet, $2.00.

Bechtel's. The only genuine double flowered crab. Makes a medium sized tree; perfectly hardy, succeeds well in most soils. When in bloom appears to be covered with delicate pink, perfectly double small roses of delicious fragrance.
2 to 3 feet, $1.00 each; $9.00 per 10. 3 to 4 feet, $1.25 each; $11.00 per 10. 4 to 5 feet, $1.75 each.
Mail size, 75 cts.; 3 for $2.00.

FLOWERING CRABS—Contd.

Floribunda. A large shrub or small tree, often thorny, with rose-red flowers borne in great profusion in May. The fruit is red and very small.
3 to 4 feet, $1.50; 4 to 5 feet, $1.75; 5 to 6 feet, $2.00.

Floribunda Purpurea. A beautiful form of above with darker red flowers. 3 to 4 feet, $1.25; 4 to 5 feet, $1.50; 5 to 6 feet, $2.00.

Niedzwetzkyana. Purplish foliage, the wood and bark also tinged with red. Extra large flowers deep pink, the edible fruits purple. 3 to 4 feet, $1.25; 4 to 5 feet, $1.50; 5 to 6 feet, $2.00.

Parkmani (Halliana). An elegant Japanese dwarf with long-stemmed, semi-double flowers of deep rose color wreathing its branches. The buds are long and handsome. 3 to 4 feet, $1.50; 4 to 5 feet, $2.00.

Scheideckeri. An extremely free-flowering variety, the upright branches laden full length with double pink flowers. The succeeding fruits make excellent jelly. 3 to 4 feet, $1.25; 4 to 5 feet, $1.75; 5 to 6 feet, $2.50.

THE ELMS—Ulmus

American. A noble native tree of great size and wide spread, with graceful drooping branches and handsome leaves. One of the best tree types for towering, heady effect and wide-spread shade, in the yard itself. Indispensable to shaded parks, and largely used along the sides of wide avenues.

	Each	Per 10
6 to 8 feet	$1.50	$14.00
8 to 10 feet	2.00	19.00
10 to 12 feet	3.00	27.50

1½-1¾ inches, $5.00; 1¾-2 inches, $6.00; 2-2½ inches, $8.00; 2½-3 inches, $10.00.

Camperdown Weeping. Its vigorous irregular branches, which have a uniform weeping habit, overlap so regularly that a compact, roof-like head is formed. Leaves are large, glossy, dark green. The finest weeping Elm and one of the best specimen trees.
1 yr. head, $3.00; 2 yr. head, $4.00.

Dovaei. One of the best for street planting; strong, upright, vigorous growing; soon making fine specimens.
6 to 8 ft., $2.25; 8 to 10 ft., $3.00; 10 to 12 ft., $4.00; 1½-1¾ in., $5.50.

American Elm

English. More densely branched than American, and not quite so tall with smaller, darker leaves, retained longer in autumn. The branches project from the trunk almost at right angles.
6 to 8 feet, $3.00; 8 to 10 feet, $3.50; 10 to 12 feet, $4.50; 1½-1¾ inches, $5.50; 1¾-2 inches, $6.50; 2-2½ inches, $8.50; 2½-3 inches, $11.00.

Huntingdon. A very vigorous, erect, upright, rapid grower with broad leaves; clean and smooth bark.
6 to 8 feet, $2.25. 8 to 10 feet, $3.00.
2-2½ inches, $9.00. 2½-3 inches, $12.00.

Moline. A valuable new type of tree perpetuated by budding. Of compact but fast growing habit, with very large leaves of distinct dark blue-green shade; bark smooth and glossy.
6 to 8 feet, $2.00. 8 to 10 feet, $2.75.

Vase Elm. Another recently introduced type of American Elm, the tops uniformly shaping up to a broad-topped vase shape. Our stock developed by buds from the original tree.
6 to 8 feet, $2.00; 8 to 10 feet, $2.75; 10 to 12 feet, $3.75.

Scotch. A rapid-growing spreading tree, with large, rough, dark green leaves. One of the best avenue trees.
6 to 8 feet, $2.00 each; $14.00 per 10.
8 to 10 feet, 2.75 each; 26.00 per 10.
10 to 12 feet, 3.50 each; 32.50 per 10.
1½-1¾ inches, $5.00 1¾-2 inches, $6.75
2 -2½ inches, 9.00.

EUONYMUS

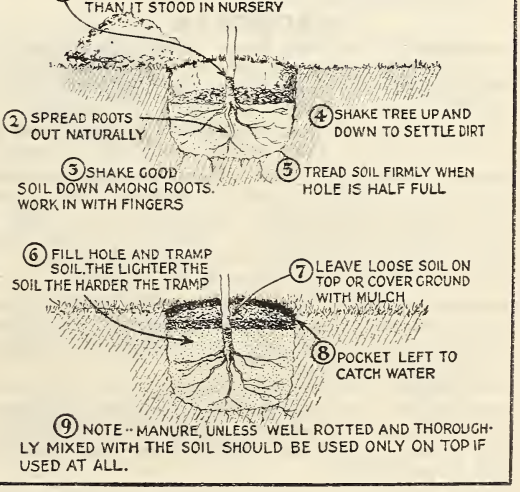
Bungeanus. Tall growing shrub with slender branches and finely serrate 2 to 4-inch leaves. Flowers appear in numerous small forked cymes; succeeded by large, deeply lobed fruits which show pink, with white seeds and orange arils.
3 to 4 feet, 80 cts. each; $7.50 per 10. 4 to 5 feet, $1.00 each; $8.50 per 10. 5 to 6 feet, $1.25 each; $11.00 per 10. 6 to 8 feet, $1.75 each; $15.00 per 10.

Europaeus. A large shrub or small tree, growing to 15 feet. In spring it is covered with a wealth of bright yellow flowers in nodding clusters, followed by brilliant rose-colored berries, which hang in clusters from the branches till midwinter. The leaves color a beautiful crimson-scarlet in fall. Stems and leaves a dark, polished green.
3 to 4 ft., $1.00 each; $ 9.00 per 10.
4 to 5 ft., 1.35 each; 12.50 per 10.
5 to 6 ft., 1.75 each.

FILBERT, Purple Leaf. Makes a 10 to 12 foot tree in time; useful for its fine "Hazel" nuts in fall, and the rich purple of its foliage. "Balled and Burlapped." 3 to 4 feet, $5.00.

HACKBERRY. Its light green leaves are glossy, pointed; the branches spread horizontally, forming a wide, elm-shaped head of medium size. Vigorous, hardy and healthy, thriving in all soils. 6 to 8 feet, $2.25; 8 to 10 feet, $2.75; 10 to 12 feet, $3.50.

How To Plant Trees and Shrubs



The Flowering Crabs make beautiful lawn specimens

HONEY LOCUST. A large, vigorous tree, with wide-spreading branches, feathery, fern-like leaves, and a stout armament of thorns. Makes a fine defensive hedge. 4 to 6 feet, 75 cts.; 6 to 8 feet, $1.00. 1 year, by express, $1.50 per 100; $12.00 per 1000. 1 year, by mail, 10 for 60 cts.; 100 for $2.00.

HORNBEAM, American (Blue Beech). A very hardy native small tree with dense round head. Leaves turn yellow and brown and stay on all winter. Stands severe pruning without detriment. Remarkably free from the attacks of insects. 3 to 4 feet, $2.00.

HORSE CHESTNUT, White Flowering. The well-known European species; very handsome; has magnificent spikes of white flowers borne in profusion and sweetly scented.
4 to 5 feet, $1.75; 5 to 6 feet, $2.25; 6 to 8 feet, $3.25.

JUDAS TREE, Cercis Canadensis (Red Bud). A small growing tree of irregular form, with heart-shaped leaves. It is covered with delicate pink blossoms early in spring before the leaves appear, a charming association among the tender greens and bronzes of young foliage.
3 to 4 feet.....$1.25 each; $11.00 per 10.
4 to 5 feet..... 1.50 each; 13.00 per 10.

KOELREUTERIA Paniculata (Varnish Tree). A rare tree, 25 to 30 feet high, showy in July, when spangled with foot-long clusters of golden yellow flowers and in autumn when foliage colors to crimson and gold.
3 to 4 feet, $1.25; 4 to 5 feet, $1.50.

BLACK LOCUST. A native tree of large size, and rapid growth. Flowers in long white racemes, very fragrant. Valuable for timber. 4 to 6 feet, 75 cts.; 6 to 8 feet, $1.00. 1 year, by express, $1.50 per 100; $12.00 per 1,000; by mail. 10 for 60 cts.; 100 for $2.00.

OSAGE ORANGE. A medium sized spiny tree with spreading branches; rather large fern-like leaves of bright green which change to yellow in fall. Flowers are inconspicuous, but the succeeding orange-like fruits are attractive. It is chiefly utilized as a close, thorny, stock-turning hedge plant and allowed to grow fairly tall.
By express—1 year, $1.25 per 100; $10.00 per 1,000.
By mail—$1.75 per 100.

LINDENS—Tilia

American. A stately tree, growing 60 to 80 feet tall, with large, shining cordate leaves. Valuable for its beautiful white wood. Its flowers appear in July. 6 to 8 feet, $2.50; 8 to 10 feet, $3.50.

European. Largely used for street and ornamental planting, developing into beautiful, round headed specimens; the bloom very sweet scented. 8 to 10 feet, $4.50. 10 to 12 feet, $5.50.

MAGNOLIA

Acuminata. (Cucumber Tree. A beautiful pyramidal tree, attaining a height of from 50 to 80 feet with 6 to 9 inch bluish-green leaves. 4 to 5 feet, $2.50; 5 to 6 feet, $3.25; 6 to 8 feet, $4.25.
The following varieties are **"Balled and Burlapped,"** and on account of extra weight should ship by freight.

Glauca (Sweet Bay) When planted in moist soil this makes a handsome tree 30 to 40 feet high, but in the drier lawns is much smaller. Its broad leaves are glossy, laurel-like, almost evergreen. In June its large, waxy white flower-cups are lovely and exquisitely fragrant.
2 to 3 feet, $3.00. 3 to 4 feet, $4.00.

Halleana. (Stellata.) A pretty dwarf form that opens its snowy, star-like flowers in April; earlier than any other Magnolia; the fragrance is pronounced and delicate.
2 to 3 feet, $11.00 each.

Soulangeana. One of the hardiest and finest. Its blossoms are from 3 to 5 inches across, cup-shaped, white and rosy violet, opening before its leaves which are massive and glossy. 2 to 3 feet, $10.00; 3 to 4 feet, $15.00; 4 to 5 feet, $20.00.

Norway Maple

THE MAPLES—Acer

Probably no shade tree is so well known, more generally planted or so popularly loved as the Maple.

PRICE OF MAPLES	Each	Per 10	Per 100
Ash-leaved 6 to 8 feet	$ 1.00	$ 9.00	.....
" 8 to 10 feet	1.50	14.00	.....
" 10 to 12 feet	2.00	.....	.....
" 1¾ to 2 inch	3.00	.....	.....
Japan Red Leaved (Balled and Burlapped), 1¼ to 1½ feet	7.00	.....	.....
1½ to 2 feet	10.00	.....	.....
2 to 2½ feet	15.00	.....	.....
Norway, 6 to 8 feet	3.00	27.50	$250.00
" 8 to 10 feet	4.00	37.50	350.00
" 10 to 12 feet	5.00	45.00	425.00
" 1½ to 1¾ inch	6.50	.....	.....
" 1¾ to 2 inch	8.00	.....	.....
" 2 to 2½ inch	10.00	.....	.....
Schwedler's, 6 to 8 feet	5.00	.....	.....
Siberian (Ginnala), 3 to 4 feet	1.50	.....	.....
" " 4 to 5 feet	2.00	.....	.....
Silver-leaved, 6 to 8 feet	1.25	11.50	100.00
" " 8 to 10 feet	1.65	15.00	135.00
" " 10 to 12 feet	2.25	20.00	185.00
" " 1½ to 1¾ inch	3.25	30.00	.....
" " 1¾ to 2 inch	4.50	.....	.....
" " 2 to 2½ inch	6.00	.....	.....
Sugar (or Rock), 6 to 8 feet	2.50	22.50	.....
" " " 8 to 10 feet	3.25	30.00	.....
" " " 10 to 12 feet	4.25	40.00	.....
" " " 1½ to 1¾ inch	5.50	.....	.....
" " " 1¾ to 2 inch	7.00	.....	.....
" " " 2 to 2½ inch	10.00	.....	.....
Sycamore-leaved, 6 to 8 feet	2.50	23.50	.....
" " 8 to 10 feet	3.25	30.00	.....
" " 10 to 12 feet	4.00	37.50	.....
" " 1½ to 1¾ inch	5.00	.....	.....
Tatarian, 3 to 4 feet	1.40	.....	.....
" 4 to 5 feet	2.00	.....	.....
Wier's Cut-leaved, 6 to 8 feet	1.65	14.00	.....
" " " 8 to 10 feet	2.25	20.00	.....
" " " 10 to 12 feet	3.25	30.00	.....
" " " 1½ to 1¾ inch	4.25	.....	.....

Ash-Leaved (Box Elder). A fine, rapid-growing variety, with handsome, light green foliage and spreading head, very hardy; desirable for street planting and succeeds in many sections where other varieties do not thrive.

MAPLES—Contd.

Japan (Red Leaved). Rounded, dwarf trees seldom maturing to over ten feet, densely furnished to the ground with indented leaves of unrivaled brilliancy and charm. Their early and mid-summer aspect is vivid blood-red, which dulls to a bronzy purple-red towards fall. These are splendid foreground subjects in mixed groups, or for solitary color blotches in the open lawn. Supply limited.

Norway. Native of Europe; a large handsome tree, with broad, deep green, shining foliage. Very desirable for street, park or lawns. The Norway Maple characteristically makes the roundest head; is colored the deepest, coolest green; and furnishes the densest shade of the entire list of good trees. Very hardy, its growth is comparatively slow.

Schwedler's. The "Purple Norway" Maple's beautiful leaves attract attention at all seasons, but are especially fine in spring, when their gleaming red and purple contrasts brightly with the delicate green of other trees. In mid-summer they are purplish green, in autumn golden yellow.

Siberian (A. Ginnala). More like a large shrub, with three-lobed leaves and flowers in long panicles. Foliage turns bright red in autumn. Sometimes used as a substitute for the Japanese Maples.

Silver. A hardy, rapid-growing, beautiful native tree of large size, valuable for producing a quick shade. Its leaves are good sized, rather deeply and irregularly indented, bright green above and silvery beneath, turning to bright yellow and bronze in the fall. It makes a broad, bulky, but pointed topped tree, getting to shading size quicker than any other variety. Unfortunately, stock of this well-known and liberally planted type is becoming so scarce, the price has doubled during the past few years.

Sugar (or Rock Maple). This tree is chieftain of its clan; straight, spreading, symmetrical, of grand proportions, often 120 feet in height and longer lived than most men who plant it. It grows well in all except damp, soggy soils, and roots deeply, allowing grass to grow close. Its bold leaves have very rich autumn tints of clear yellow and scarlet.

Sycamore-Leaved Maple. A broad, handsome tree of medium size, rarely over 60 feet high, with larger, darker leaves than other Maples. Casts a dense, cool shade.

Tatarian. A choice variety; medium size, rounded form, thriving in damp soils if desired. Moderate grower but makes a handsome specimen. Foliage turns yellow in fall.

Wier's Cut-Leaved. A silver Maple with remarkable and beautifully dissected foliage. Of rapid growth; shoots slender and drooping; giving it a very densely furnished appearance clear to the ground.

MOUNTAIN ASH

European. A splendid broad-topped small tree which is distinctly beautiful and attractive whether as a single lawn specimen or as an element in any group association. The foliage is richly dark and lustrous, very similar in construction to the coarser Ferns. In late summer and far into winter, the greatest beauty and effectiveness centers in the great number of large, dense fruit clusters which gleam brilliantly red against the green of leaves, or brown of denuded branches.

6 to 8 feet.....$1.75 each; $16.50 per 10.
8 to 10 feet..... 2.25 each; 20.00 per 10.

Oak-Leaved. Dark lobed, oak-shaped leaves, downy beneath. Produces berries freely, and although of radically different foliage, is just as showy and striking as the Ash-leaved type.

5 to 6 feet.....$1.75 each; $16.50 per 10.
6 to 8 feet..... 2.25 each.

TEA'S WEEPING MULBERRY

The most graceful hardy weeping tree in existence. Forms a perfect round tent-shaped head, with slender, leaf-studded branches drooping to the ground; the diameter of its leaf-screened bower about half the height. In light, airy gracefulness, delicacy of form and motion, it is without a rival. It has a beautiful foliage, is hardy, safe and easy to transplant. Admirably adapted for small grounds, specimens or for cemetery planting. It is equally valuable and showy in a refined way, used as a medium tall screen against high walls, or to separate the garden and the lawn. Cutting back to the crown each year is beneficial. 1 year heads, $3.00; 2 years heads, $4.00.

THE OAKS—Quercus

Pin Oak. Almost pyramidal in habit, and described as half-weeping when old, because its lower branches touch the ground. It grows faster and develops the family characteristics earlier than most Oaks. It grows 60 to 80 feet. The leaves are deep green, glossy, and finely divided. Orange-scarlet in fall. 8 to 10 feet, $5.00 each.

Red Oak. A large tree, 80 to 100 feet tall, unusually large in leaf and quick in growth. The young shoots and leaf-stems are red, the foliage purplish crimson in Autumn. A most beautiful object on the lawn.

6 to 8 feet, $3.50; 8 to 10 feet, $4.00; 10 to 12 feet, $5.00; 1½-1¾ inches, $6.25; 1¾-2 inches, $7.50, 2 inches, $9.00.

SPECIAL OFFER OF LAWN TREES, PAGE 91

TREES *for* VARIOUS PURPOSES

For Street or Avenue Planting

Ash — Hackberry
Linden — Sycamore
Elms — Maples

Weeping Trees

Weeping Mulberry
Cut-Leaved Weeping Birch
Babylonica Willow
Thurlow's Willow
Wisconsin Willow

Trees for Quick Effect

Box Elder — Sycamore
Catalpa — Poplar
Silver Maple — Willow

Trees for Winter Beauty

Birch
Golden Willow
Evergreens

Trees With Attractive Autumn Foliage

Sugar Maple — Oaks
Dogwood — Tulip Tree

Trees for Dry Places

Junipers (Evergreen)
Mugho Pine (Evergreen)
Elm — Locust
Ash — Hackberry

Trees for Moist Places

Birch — Oaks
Willow — Linden
Poplar — Elm
Ash

There is little loss of time in transplanting S. & H. trees, if effected early, before the leaves start

FLOWERING PEACH, Double Red, or White. A beautiful small tree rarely over 20 feet tall; at its blossoming time in May every twig and branch bright with beautifully formed flowers, rendering the tree showy and attractive even at a distance.
2 to 3 feet.....$0.75 each; $6.50 per 10.
3 to 4 feet..... .90 each; 8.00 per 10.

AMERICAN PERSIMMON. Very ornamental, with a round-topped head and handsome shining foliage. The puckery fruit is an inch or more in diameter, orange-yellow, with a bright cheek when touched by frost. 4 to 6 feet, $1.75.

PTELEA Trifoliata (Hop Tree). Small trees, 15 to 25 feet high, with glossy, trifoliate leaves that exhale a hop-like odor when bruised. This odor is even more noticeable in the seeds, which hang in hop-like light green clusters far into autumn.
4 to 5 feet, 75 cts.; 5 to 6 feet, $1.00; 6 to 8 feet, $1.25.

PYRACANTHA LALANDI (Firethorn). An almost evergreen shrub allied to both the Thorns and Cotoneasters. Dwarf grown, with slender branches with numerous short thorns. Small white flowers, replaced in fall by bright orange-red fruit. One of the finest berried small trees.
1½ to 2 feet, $2.00. 2 to 2½ feet, $2.50.
2½ to 3 feet, 3.00. 3 to 4 feet, 5.00.

ROSE ACACIA (Moss Locust). An elegant shrub, with light green pinnate leaves and long graceful clusters of pea-shaped, rose-colored flowers in June and often later. **Standard** (top worked),3 to 4 ft., $2.00; 4 to 5 ft., $2.50.

RUSSIAN OLIVE (Elaeagnus Angustifolia). Useful in tall dense groups for sharp color contrasts. Tree attains a height of from 20 to 30 feet, bark dark green, foliage rich silver color, willow shape; flowers deep golden and very fragrant, followed by ornamental olive fruits.
2 to 3 feet, 60 cts. each; $5.00 per 10.
3 to 4 feet, 70 cts. each; 6.00 per 10.
4 to 5 feet, 90 cts. each. 5 to 6 feet, $1.25 each.
6 to 8 feet, $2.00 each. 8 to 10 feet, 3.00 each.

TULIP TREE (Whitewood). One of the grandest of our native trees; of tall pyramidal habit, with broad, glossy fiddle-shaped leaves and beautiful, tulip-like flowers; allied to the Magnolia. Leaf color is clean, rather bluish-green shade which in fall turns brightest yellow. Flowers are 1½ to 2 inches long, light greenish yellow marked at inside base with orange; May or June.
4 to 5 feet, $1.00; 5 to 6 feet, $1.50; 6 to 8 feet, $2.00.

WITCH HAZEL. Valuable because its fringe-like yellow flowers open in November—when there are few other blossoms outdoors anywhere. Grows 10 to 15 feet tall, with fine leaves that color to yellow, orange or purple in fall and drop before the bright yellow flowers appear. Likes a moist sandy or peaty soil and partial shade.
2 to 3 feet, 75 cts.; 3 to 4 feet, $1.00.

THE POPLARS—Populus

Lombardy Poplar

Aurea (Van Geerti). Fine golden yellow foliage, retaining its brilliancy throughout the season.

Balsam (Balm of Gilead). A remarkably rapid growing tree, with luxuriant, glossy foliage.

Bolleana (Silver Leaf). Useful in breaking the monotony of lower round-topped trees. Will grow to a tall spire 80 feet high. Its leaves are glossy green, silvery beneath, creating an attractive flashing effect when stirred by the winds. Often used in landscaping against blank wall spaces of high public buildings.

Carolina. A vigorous, native pyramidal tree of rapid growth, with large glossy leaves; valuable for quick shade. Makes a fine spreading head if well cut back the first few seasons.

Lombardy. The selective appreciation of trained landscape builders is getting this fine type into much more general use. Old trees which were thoughtfully placed, are outstanding landmarks today; their great height, dense slenderness, and sombre silhouette against the skyline, creating an impressive, picturesque old-world effect.

Norway. Very broad, triangular leaves with finely scalloped edges, smooth dark green. Makes a thick, broad-topped, shading tree of quick growth and great hardiness.

Simoni. Of only medium height, although bushy and as rapid growing as other varieties. Foliage small, bluntly oval tapering toward the stem; very dark, lustrous green. The bark is uniquely stained with red. This tree is not very well known, but is appropriate and valuable for various landscape usages.

PRICE OF POPLARS	Each	Per 10	Per 100
Aurea (Van Geerti), 6 to 8 feet	$0.75	$6.50	.....
" " " 8 to 10 feet	.85	7.50	.....
" " " 10 to 12 feet	1.00	9.00	.....
Balsam (Balm of Gilead), 6 to 8 feet	.75	.....	.....
" " " 8 to 10 feet	.85	.....	.....
" " " 10 to 12 feet	1.00	.....	.....
" " " 1½-1¾ in.	1.50	.....	.....
Bolleana (Silver Leaf), 6 to 8 feet	1.75	16.50	.....
" " " 8 to 10 feet	2.25	.....	.....
" " " 10 to 12 feet	2.75	.....	.....
" " " 1½-1¾ in.	3.75	.....	.....
Carolina, 6 to 8 feet	.55	4.50	$35.00
" 8 to 10 feet	.65	5.50	45.00
" 10 to 12 feet	.90	7.50	65.00
" 1½ to 1¾ inch	1.50	13.50	.....
" 1¾ to 2 inch	2.50	.....	.....
Lombardy, 6 to 8 feet	.80	7.00	60.00
" 8 to 10 feet	1.00	9.00	80.00
" 10 to 12 feet	1.35	12.00	110.00
" 1½ to 1¾ inch	2.00	17.50	.....
" 1¾ to 2 inch	3.00	27.50	.....
" 2 to 2½ inch	4.00	.....	.....
Norway, 6 to 8 feet	.60	5.00	.....
" 8 to 10 feet	.70	6.00	50.00
" 10 to 12 feet	.95	8.00	70.00
" 1½ to 1¾ inch	1.50	13.50	.....
" 1¾ to 2 inch	2.50	.....	.....
Simoni, 6 to 8 feet	1.00	8.50	.....

EUROPEAN SYCAMORE

The well-known Oriental Plane (Platanus Orientalis). Used in great numbers to create vistas of dense green shade, along new streets which require quick development of shade and ornamentation. A lofty, wide-spreading tree with deeply lobed palmate leaves; valuable for its handsome foliage, hardiness, and free growth. The bark is an attractive grayish green during the summer; but enough of it sheds during the winter to give an interesting mottled appearance as the smooth, creamy white trunk is revealed.

	Each	Per 10	Per 100
6 to 8 feet	$1.50	$13.50	$125.00
8 to 10 feet	2.00	18.50	175.00
10 to 12 feet	2.75	25.00	225.00
1½ to 1¾ inch	4.25	40.00	.....
1¾ to 2 inch	5.50	50.00	.....
2 to 2½ inch	7.00	65.00	.....

FLOWERING THORNS—Crataegus

Handsome dwarf trees with shiny leaves of attractive shape and color; blooming in profusion late in spring with compact clusters of small, rose-like flowers. These are followed by large red fruits and autumnal colorings.

Cordata (Washington Thorn). Branches upright, forming a round topped head, leaves heart-shaped. Flowers white with rose-colored anthers. 4 to 5 feet, $2.50. 5 to 6 ft. $3.00.

Double Thorns

Oxyacantha (English Hawthorn). White flowers appearing when the leaves are nearly full grown, followed by conspicuous scarlet fruits. The foliage is very attractive and the thorny tree of regular contour.
4 to 5 feet, $2.00. 5 to 6 feet, $2.50. 6 to 8 feet, $3.75.

Double White. 4 to 5 feet, $2.00.

Paul's Double Scarlet. Flowers deep crimson-scarlet; very double. This is one of the most attractive small trees for solitary specimens or groups, as showy in fruit as when in bloom.
3 to 4 feet, $2.00. 4 to 5 feet, $2.50. 5 to 6 feet, $3.00.

THE WILLOWS—Salix

Besides the beauty of their airy summer foliage, the Willows have a distinct value in the brightness of their bark when leaves have fallen, for cheery winter effects. They grow fast and are adapted to a variety of soils and uses.

UPRIGHT WILLOWS

Weeping Willow

Goat (S. Caprea). A rather small but interesting tree with brown twigs, oval leaves noticeably hairy underneath, and quite showy catkins before the leaves appear.

Gold Bark. Showy variety with golden bark of high color, making it very conspicuous during winter.

Hoary (S. Capenscens). Plentiful foliage, a dull silvery gray, with grayish bark.

Laurel Leaved. A splendid ornamental small tree, with large, glossy, dark laurel-like leaves, whence its name. May be well associated with the taller screening shrubs.

Rosemary (S. Rosemarinifolia). A beautiful short tree with slender branches and twigs, densely clothed with short, stiff leaves white tomentose below.

Royal (or Silver Leaf). A large tree, sometimes 100 feet high, with short thick trunk and yellowish brown branches, the foliage a silvery ash gray.

Wentworth. Tall, rapid, upright; with reddish bark.

WEEPING WILLOWS

Babylonica. A graceful tree of large size. Its fresh, bright green tint and long, wavy branches make it very attractive.

Golden Weeping (S. Niobe). Slender leaves, green above, silvery beneath; the twigs and bark tinged dark red.

Thurlow's. Larger and more spreading than the Babylonian form, and hardier, but similiar in foliage and grayish green bark.

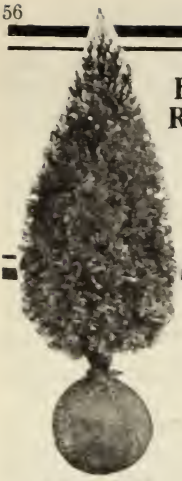
Ural. Numerous arching branches with yellowish wood, the narrow green leaves very densely set.

Wisconsin. A babylonica with more slender leaves and hardier. This is the most generally planted variety, and makes immense broad-topped specimens.

PRICE OF WILLOWS	Each	Per 10	Per 100
Babylonica, 6 to 8 feet	$1.25	$11.50	.....
" 8 to 10 feet	1.50	14.00	$135.00
" 10 to 12 feet	2.00	18.50	175.00
" 1½ to 1¾ inch	3.00	.....	.....
Goat (S. Caprea), 4 to 6 feet	.75	.....	.....
" " 6 to 8 feet	1.00	.....	.....
Gold Bark, 6 to 8 feet	.90	8.00	.....
" " 8 to 10 feet	1.35	12.50	110.00
" " 10 to 12 feet	1.75	16.50	150.00
" " 1½ to 1¾ inches	2.25	.....	.....
Golden Weeping (S. Niobe),			
" " " 6 to 8 ft.	1.25	.....	.....
" " " 8 to 10 ft.	1.50	.....	.....
Hoary (S. Canescens), 8 to 10 ft.	1.50	.....	.....
" " 10 to 12 ft.	2.00	.....	.....
Laurel Leaved, 6 to 8 feet	1.00	9.00	.....
" " 8 to 10 feet	1.35	12.50	110.00
" " 10 to 12 feet	1.75	16.50	150.00
Rosemary, 4 to 5 feet	1.00	.....	.....
Royal (Silver Leaf), 4 to 6 feet	1.00	.....	.....
Thurlow (Elegantissima), 6 to 8 ft.	1.25	11.00	100.00
" " 8 to 10 ft.	1.50	14.00	130.00
" " 10 to 12 ft.	1.90	17.50	165.00
" " 1½ to 1¾ in.	2.75	.....	.....
Ural, 8 to 10 feet	1.75	.....	.....
" 10 to 12 feet	2.00	.....	.....
" 1½ to 1¾ inch	2.75	.....	.....
" 1¾ to 2 inch	3.75	.....	.....
Wentworth, 8 to 10 feet	1.10	10.00	.....
" 10 to 12 feet	1.50	14.00	.....
" 1½ to 1¾ inch	2.25	.....	.....
Wisconsin, 6 to 8 feet	1.25	11.50	100.00
" 8 to 10 feet	1.50	14.00	135.00
" 10 to 12 feet	2.00	18.50	175.00
" 1½ to 1¾ inch	3.00	.....	.....

Before going on,—did you carefully note the large caliper sizes offered for quick effect in your favorite lawn and shade trees? If you missed the Flowering Cherries, better turn back; some varieties are real novelties.

You do not have to have a pool or pond to grow willows. Just plant them anywhere.



Arbor Vitae Pyramidalis

Handsome Root-Balled EVERGREENS To Dress up Your Grounds

Adding Dignity to Summer, and Colorful Life to Winter Scenes

18 54 19 29

OUR Evergreens are all carefully grown, at good distances for symmetrical development, are root and top-pruned into handsome, shapely specimens that will transplant successfully to new homes with ordinary care. We pack them so that the root-fibers are well protected and will reach their destination in good growing condition. If planters will continue this care to keep the fibers from drying out by exposure to air and sun until the stock is planted, success is reasonably sure.

Planting season for spring from April 10 to May 15, for fall from about August 15 to October 10, depending on season and locality.

All Evergreen Trees will be carefully dug with ball of earth about the roots and tightly sewed in burlap and will stand transportation and transplanting with little risk of loss. In planting it is not necessary to remove the burlap. Follow the planting chart on page 57. The **"Mail Size"** Evergreens are quite small, lifted without ball, packed in moist root-wrappings, and their weight when so packed for shipment by mail, not excessive.

Balled Evergreens are Heavy. Please do not overlook the fact that Evergreen trees dug with a proper sized ball of earth, are very heavy compared to their size, and must be packed for safety in strong heavy boxes. This makes Express charges on long hauls often more than the cost of the trees. It is important, therefore, that you should state definitely how to ship.

ARBOR VITAE—Thuya

American (White Cedar). Erect, broadly pyramidal habit, with soft bright green foliage dense from ground up; grows rapidly and soon forms a most beautiful tree for any purpose. Like other types of Arbor Vitae, the American can be trimmed at will, or even closely sheared when sufficiently developed to present formal lines and surface as a hedge.

	Each	Per 10
1½ to 2 feet	$2.00	$17.50
2 to 2½ feet	2.75	22.50
2½ to 3 feet	3.25	27.50
3 to 4 feet	3.75	32.50
4 to 5 feet	6.00	55.00

Mail Size—35 cts.; 5 for $1.25.

Berckman's Golden. A very compact, dense, slow-growing dwarf type valuable for foregrounds and edging. The flattened leaf-clusters face outwards edgewise, presenting a beautiful surface of vertical fluted lines. The color is that fresh, bright, yellow tone of green found in Hovey's Golden, but much brighter, and is always conspicuous. 12 to 15 inches, $3.00 each; 15 to 18 inches, $4.00.

Compacta (Parsons). Dwarf, dense little trees with light green foliage, neat and attractive. Useful for beds, borders, cemeteries or low growing hedges. Mail Size—60 cts. each; 3 for $1.50.
15 to 18 in., $2.50 each, $23.00 per 10.
18 to 21 in., $3.25 each; $30.00 per 10.
21 to 24 in., $4.50 each; $40.00 per 10.

Douglas Golden. One of the hardiest. Broad bushy growth with slender branches and bright yellow folliage. 2 to 2½ feet, $4.50 each; 2½ to 3 feet, $5.50 each.

Ellwangerlana. A low, broad tree with slender branches, and feathery foliage. 18 to 21 inches, $2.50 each; 21 to 24 inches, $3.00 each; 24 to 30 inches, $3.75 each. Mail Size—60 cts. each; 3 for $1.50.

Ericoides. (Heath-Leaved Arbor Vitae.) A very pretty, dense little shrub of the Tom Thumb type, adding a purplish shade during winter. 12 to 15 inches, $1.50; 15 to 18 inches, $2.00.

Globosa. A dense, low, natural globe; gray green. 15 to 18 inches, $2.25; 18 to 21 inches, $3.25. Mail Size—60 cts. each; 3 for $1.50.

Hovey's Golden. A beautiful small evergreen distinctive in shape and color, of valuable utility. It has the same leaf character and color described for Berckmans, but grows enough larger to make a splendid foundation screen beneath the house windows, or a medium filler between columnar trees. Its brilliant color harmonizes with all other types, and is conspicuous against either dark or light backgrounds.
15 to 18 inches, $2.25 each; $20.00 per 10; 18 to 21 inches, $2.75 each; $25.00 per 10; 21 to 24 inches, $3.75 each, $32.50 per 10.
Mail Size—60 cts. each; 3 for $1.50.

Globe Arbor Vitae

Lutea (George Peabody). A moderate upright grower, the golden tinge diffusing itself deeply into the foliage. Much used to obtain color contrast. 1½ to 2 feet, $2.75; 2 to 2½ feet, $3.50; 2½ to 3 feet, $5.00.

A pleasing foundation grouping of Retinospora, Arbor Vitae, Spruce and Juniper

ARBOR VITAE—Contd.

Oriental. A comparatively low, broadly pyramidal tree, native of Asia. Its color is a refreshing yellowish green similar to Hovey's, although dulling to bronzy green in winter. 2 to 2½ feet, $3.00; $27.50 per 10. 2½ to 3 feet, $4.00; $37.50 per 10. 3 to 4 feet, $5.50; $50.00 for 10. 4 to 5 feet, $7.00; $65.00 per 10.
Mail Size—60 cts. each; 3 for $1.50.

Pumila. Dwarf, dense, formal acorn shape; very useful as low pointers on cemetery lots, garden beds or in the foreground of evergreen plantings. Color is luminous dark green.
15 to 18 inches, $2.50; 18 to 21 inches, $3.25; 21 to 24 inches, $4.50.
Mail Size—60 cts. each; 3 for $1.50.

Pyramidalis. A densely columnar type, most compact and erect of the entire species, at 12 feet high averaging 24 to 30 inches in diameter. Foliage a deep green, retaining color. The most popular pyramid for flanking the stoops in colonial architecture. See back cover. 2 to 2½ feet, $3.25 each; 10 for $30.00. 2½ to 3 feet, $4.50 each; 10 for $40.00. 3 to 4 feet, $5.50 each; 10 for $50.00. 4 to 5 feet, $8.00 each; 10 for $72.50.

Siberian. A superb hardy variety, somewhat similar to American, with heavier and fuller foliage and more compact habit; bears trimming well. This variety is extensively used for backgrounds in foundation plantings, where dense bushiness is required, rather than height.
1½ to 2 feet, $2.75 each; $25.00 per 10.
2 to 2½ feet, $4.00 each; $35.00 per 10.
2½ to 3 feet, $5.25 each; $47.50 per 10.
Mail Size—60 cts.; 3 for $1.50.

Tom Thumb. A very small, compact evergreen, with very fine feathery foliage of somewhat purplish hue. Makes a beautiful ornament for a small yard or cemetery lot; fine for low hedges.
12 to 15 inches, $1.50; 15 to 18 inches, $2.00.
Mail Size—40 cts.; 3 for $1.00.

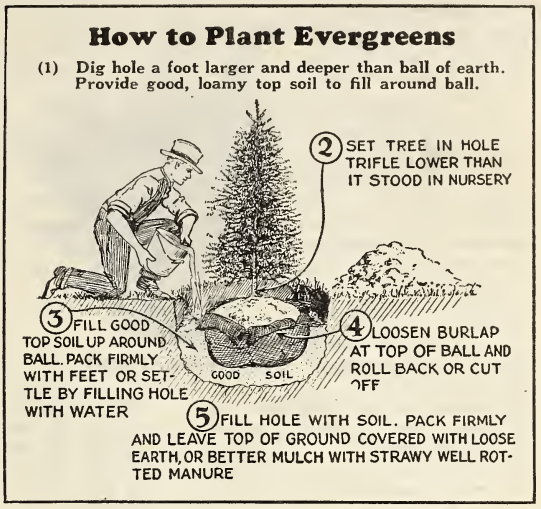
Vervaeneana. Erect habit and form like the American, with golden variegated foliage. 1½ to 2 feet, $2.75; 2 to 2½ feet, $3.75; 2½ to 3 feet, $4.75.

Woodwardi. One of the best self shaping globe-shaped evergreens, seldom attaining more than 3 feet in height; the foliage dense, a deep sea green shade. 15 to 18 inches, $2.50.

FIR—Abies

White Fir (A. Concolor). A picturesque Colorado species; long leathery leaves, with glaucous tinge when young, becoming pale green with age. Branches arranged in horizontal whorls. A broad-based, tapering tree making a splendid specimen. 2 to 2½ feet, $6.00 each.

Douglas (Pseudo-tsuga Douglasi). Very tall growing with red-brown bark. Leaves light green above, glaucous below. Of thickly conical form, spreading branches, and pendulous branchlets. Much used for lawn specimens. 2 to 2½ feet, $4.25.



HEMLOCK [Tsuga Canadensis]

The best evergreen in heavy shade; and both beautiful and dependable wherever used. Its refined foliage is lacy, close-set and darkly lustrous, in rather flat fronds which droop gracefully. Although capable of great height, it is best known as a moderate grower adapted to severe pruning; used at corner; or as foundation screens; or in formally sheared high hedges. 2 to 2½ feet, $4.00; 2½ to 3 feet, $5.00; 3 to 4 feet, $7.00.
Mail size, 60 cts.; 3 for $1.50.

JUNIPER [Juniperus]

Canadensis. A very hardy, dense, grayish-green type of especial value in rockeries and for ground covering. The main branches are usually numerous, and procumbent; well furnished with upright branchlets. Seldom over four feet high. 18 to 24 inch spread, $2.75.

Chinese (J. Chinensis). One of the most ornamental Junipers for the lawn or garden. Pyramidal or columnar outline, foliage of a pleasing grayish green color when fresh, maturing to real dark green. Adaptable to extremes of temperature and association with varying sorts. 2 to 2½ feet, $4.75; 2½ to 3 feet, $6.00.

English (J. Communis). Makes a loosely pyramidal specimen; foliage grayish blue-green. May be shaped as compact as Irish Juniper by frequent early shearings. 1½ to 2 feet, $2.75; 2 to 2½ feet, $3.50.

Greek (J. Excelsa). Compactly columnar, making tall, handsome specimens of continuing fresh green color. 2½ to 3 feet, $3.25; 3 to 4 feet, $4.00; 4 to 5 feet, $6.00.

Horizontalis Glauca. A handsome, serviceable ground-covering type of closely radiating habit, the foliage more thread-like and distended than in Tamariscifolia, yet denser and more prostrate than Waukegan; the color a distinct steel blue. Sizes given mean **spread:** 2 to 2½ feet, $4.00; 2½ to 3 feet, $5.00; 3 to 3½ feet, $6.50.
Mail size, 75 cts.; 3 for $2.00.

Irish (J. Hibernica). Erect, slender and formal in habit; foliage sage green, very compact; making a splendid column eventually 15 to 20 feet high; much used in cemeteries.
1½ to 2 feet, $2.25 each; $20.00 per 10.
2 to 2½ feet, $2.75 each; $25.00 per 10.
Mail Size—60 cts.; 3 for $1.50.

Japan (J. Chinensis Japonica). A dwarf, dense, spreading tree with light green foliage, the branches disposed and useful much the same as Savin. 2 to 3 ft., $5.50.

JUNIPER—Contd.

Pfitzer's (J. Pfitzeriana). One of the most striking of all evergreens. The branches progress spirally along the trunk at a 45 degree angle, thereby making a good "filler;" or standing alone, it acquires the symmetry of a broken column. The branches are long and whip-like, densely furnished, very dark green; the first new growth thickly studding the expanse-like silver beads. **Either "Flat" or "Upright."**

Pfitzer Juniper

Mail size—$1.00; 3 for $2.50.	Each	Per 10
1½ to 2 feet	$4.00	$37.50
2 to 2½ feet	5.00	47.50
2½ to 3 feet	6.00	55.00
3 to 3½ feet	7.50	.....
3½ to 4 feet	10.00	.....

Savin (**J. Sabina**). Handsome moss green foliage; adapted to use as a filler in Evergreen groups, or as a dwarf, semi-upright ground cover. 1½ to 2 feet, $3.50; 2 to 2½ feet, $4.25; 2½ to 3 feet, $5.25.
Mail size, 75 cts.; 3 for $2.00.

Sabina Prostrata (**Creeping Juniper**). Valuable for ground covering in exposed sandy or rocky location. Usually low, with long trailing branches and numerous short, upright branchlets; a bright steel blue. 1½ to 2 feet spread, $3.50; 2 to 2½ feet spread, $4.25.

Swedish (**J. Suecica**). Tall growing, of formal, columnar habit. One of the hardiest and most reliable pillar types. The foliage is dense, fairly broad, with drooping tips; in color glaucous green somewhat lighter and bluer than the Irish Juniper. 2 to 2½ feet, $3.00; 2½ to 3 feet, $3.75; 3 to 4 feet, $4.75.
Mail size, 60 cts.; 3 for $1.50.

Dwarf Swedish (**J. Suecica Nana**). A dwarf variety, compact in habit, hardy; foliage light green, not changing in winter. 2 to 2½ feet, $2.75; 2½ to 3 feet, $3.25; 3 to 3½ feet, $4.00; 3½ to 4 feet, $5.25.
Mail size, 60 cts.; 3 for $1.50.

Tamariscifolia (**Tamarix-leaved**). A beautiful trailing form of Savin, with bluish green foliage. The construction is dense and very fine like the tamarix foliage, especially attractive when showing new growth.
18 to 24 inches spread, $4.00.
Mail size, 75 cts.; 3 for $2.00.

Virginiana (**Red Cedar**). A well known American tree varying in habit and color, the majority being formal and bluntly conical, thicker than other upright types. The fine, dense foliage is bright blue green when fresh, maturing to deep bronze green. 2 to 2½ feet, $3.00; 2½ to 3 feet, $3.75.
Mail size, 60 cts. each; 3 for $1.50.

Virginiana Cannarti. A newly derived type resembling Schotti in leaf and character, midway in color between the pronounced yellowish green of that variety and the darkness of Virginiana. 2½ to 3 feet, $5.50; 3 to 4 feet, $7.00.

Virginiana Glauca (**Blue Cedar**). Unlike so many varieties it is not at all formal but, without losing general compactness, its irregularity of spread is uniquely attractive; the broadly conical form and beautiful glaucous blue foliage making it one of the choicest of all Junipers. 2½ to 3 feet, $5.50; 3 to 4 feet, $7.00.

Virginiana Schotti. A dense columnar form of the Red Cedar with light yellowish green foliage. Hardy and beautiful. The abundant blue berries are particularly attractive against this foliage. 2½ to 3 feet, $5.50.

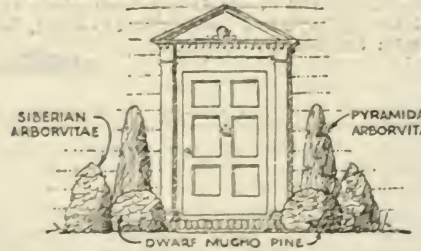
Waukegan. A selection from Sabina Prostrata; ground-covering, closely compact. The beautiful silvery blue color assumes a rich purple hue with the first autumn frosts.
Spread: 1½ to 2 feet, $3.50; 2 to 2½ feet, $4.25.

PINE [Pinus]

Austrian (**P. Austriaca**). Broadbased, heavily needled, massive; darkest and richest green of the Pines, silhouetting to inky blackness against the sky-line. Quite densely and evenly branched, well furnished with attractive tufts of foliage, the new growth erect and silvery like candles set along the twigs. It is hardy, and vigorous in growth although maintaining compactness; and must be used only in locations allowing tall growth and considerable spread.
2 to 2½ feet, $4.00; 2½ to 3 feet, $5.00.
Mail size, 60 cts.; 3 for $1.50.

S. & H. DOORWAY OFFER

An effective evergreen planting of **HARDY VARIETIES** suitable for the dooryard.



2 Dwarf Mugho Pines, 12-15 inches	$ 6.00
4 Siberian Arbor Vitaes, 18-24 inches	5.50
2 Pyramidal Arbor Vitaes, 3-4 feet	11.00
Catalog Price	$22.50
OUR SPECIAL PRICE	$21.00

Freight or Express Extra.

Mugho Pine

See our Special Evergreen Offer on back cover

Retinospora Pisifera Aurea

PINE—Contd.

Mugho (P. Montana Mughus). The only genuine **Dwarf Pine.** Leaves short, stiff and formal, thickly distributed in tufts over the branches in a crowded way somewhat similar to Austrian, with an equal depth and richness of color. Does not grow tall, but spreads out, generally assuming a globular form; very dense. Popular in the foreground of foundation plantings, and in pairs for punctuation. 12 to 15 inches, $3.00; 15 to 18 inches, $4.00; 18 to 21 inches, $5.00; 21 to 24 inches, $7.50. Mail size, 75 cts.; 3 for $2.00.

Scotch (P. Sylvestris). Like the Austrian, its quick, strong growth makes it valuable for protective screens; very hardy. As a rule it grows taller than Austrian, with softer needles, and shows a hint of reddish brown in its bark and forming cones. 2 to 2½ feet, $3.25 each; 10 for $27.50. 2½ to 3 feet, $4.00 each; 10 for $35.00. 3 to 4 feet, $5.00 each; 10 for $45.00. 4 to 5 feet, $6.75 each; Mail size, 60 cts.; 3 for $1.50.

White (P. Strobus). A strong featured, rapid growing tree; with abundant silvery-green foliage, in long swaying clumps of soft needles. Attains great height and picturesque spread with age. 2½ to 3 feet, $4.00 each; 10 for $37.50. 3 to 4 feet, $5.00 each; 10 for $45.00. 4 to 5 feet, $6.25 each; 10 for $57.50.

RETINOSPORA

Filifera. The leading shoot grows upright but the thread-like branches are nearly horizontal, with long, drooping, tasseled ends. Bright green, against red-brown bark. 1½ to 2 feet, $3.25. 2 to 2½ feet, $4.00.

Obtusa Crippsii. A beautiful golden form of Japan Cypress, carrying its bright golden color well through the season. 1½ to 2 feet, $4.00.

Obtusa Nana Compacta. Finest of the family in refined leaf character; of dwarfest, densest, slowest growing habit; and greatest depth of color. 12 to 15 inches, $3.75.

Obtusa Youngi. Very graceful, feathery, golden foliage, on loose branches. 2 to 2½ feet, $4.00. 2½ to 3 feet, $5.00.

Pisifera. Broadly tall in growth, with erect branches pendulous at tips; foliage feathery, light green, glaucous beneath. 2½ to 3 feet, $4.75; 3 to 4 feet, $5.50; 4 to 5 feet, $8.00.

Pisifera Aurea. A bright golden form holding its color. Its habit runs to bushiness; an ideal type for corners, against dark brick. 2½ to 3 feet, $4.75; 3 to 4 feet, $5.50. Mail size, 75 cts.; 3 for $2.00.

Plumosa. An exceedingly handsome, acorn-shaped evergreen of medium tall growth, from Japan; with billowing light green foliage.

Plumosa Aurea. Like the preceding; of a golden yellow color; close and compact habit.

1½ to 2 feet—$2.75 each; $25.00 per 10.
2 to 2½ feet— 3.50 each; 32.50 per 10.
2½ to 3 feet— 4.00 each; 37.50 per 10.
3 to 4 feet— 5.50 each; 50.00 per 10.

Mail size. 60 cts.; 3 for $1.50.

Squarrosa Veitchii. Dense, rounded, bubbling growth; the silvery blue foliage arranged in soft spirals which give the impression of boiling over.
1½ to 2 feet, $3.00; 2 to 2½ feet, $3.75; 2½ to 3 feet, $14.75. Mail size, 75 cts.; 3 for $2.00.

SPRUCE [Picea]

American White (P. Alba). One of the very best conifers, especially for cold climates. Compact, upright growing, long lived, retaining its branches to the ground, aromatic, drought-resisting; varies in color from light green to glaucous blue.
2 to 2½ feet, $3.00; 2½ to 3 feet, $3.75; 3 to 4 feet, $5.00. Mail size, 50 cts.; 3 for $1.25.

Colorado (P. Pungens). The origin of the famous Blue Spruce. A vigorous grower and hardy, making fine specimens in a broad based, sharply defined pyramid form; foliage rigidly angular with sharp needles very densely set. Light green color.
1½ to 2 feet, $3.00; 2 to 2½ feet, $4.00
2½ to 3 feet, $5.00.

Colorado Blue (P. Pungens Glauca). A selected blue shade, from foregoing. This is one of the showiest and most impressive evergreens, surpassed only by the grafted Koster's Blue Spruce—which is in very limited supply. 1½ to 2 feet, $9.00.

Koster's Blue. The aristocrat of the evergreen family, by far the shapeliest Spruce, and the truest, most persistent blue in color of any known tree. Formerly imported from Europe, but now again in American trade. See back cover.
1½ to 2 feet, $15.00 each; 2 to 2½ feet, $20.00 each.

Norway (P. Excelsa). A lofty, noble tree of open, pyramidal habit, exceedingly picturesque. Very popular and effective in evergreen groups, and one of the best evergreens for hedges. Its color is normally a good rich, dark green, but when the new spring growth lights up the branches, the tips are silvery blue, very conspicuous and showy against the background of the older needles. Norway Spruce is the variety most commonly used for Christmas trees.

	Each	Per 10	Per 100
1½ to 2 feet	$2.00	$17.50	$150.00
2 to 2½ feet	2.50	22.50	200.00
2½ to 3 feet	3.00	27.50	250.00
3 to 4 feet	3.75	35.00	325.00
4 to 5 feet	5.50	50.00	450.00

Mail size, 35 cts.; 5 for $1.25.

Weeping Norway (P. Inverta). A variety with larger foliage lateral branches drooping like a willow.
6 to 8 feet, $10.00 each.

YEW [Taxus]

Cuspidata Brevifolia. A very handsome, rare form of the Japan Yew, with short richly dark green leaves; dense bushy habit. Hardiest of the Yews, and one of the best compact, dwarf evergreens for edging and foreground. 12 to 15 inches, $3.50; 15 to 18 inches, $5.00; 18 to 21 inches, $6.50.

BROADLEAF EVERGREEN SHRUBS

All are Balled and Burlapped, unless otherwise noted. We Recommend Freight shipment on account of their weight.

THIS group contains some of the most notable shrubs, not only because of their evergreen foliage, but because of their highly prized flowers; very useful for foundation planting, for filling in beds of evergreens and for lawn specimens. They are sensitive to lime in the soil, and require instead a marked acidity. This soil condition may be induced by application of Aluminum Sulphate, 1 to 3 pounds sprinkled evenly over a square yard of surface. Don't allow them to become over-dry.

Azalea in flower

AZALEA

Calendulacea (Flame Azalea). One of the most attractive flowering shrubs, growing up to 6 or 8 feet. A very profuse bloomer; the flowers being a light orange or bright red, appearing before the leaves and remaining several weeks. The autumn foliage closely repeats the colors of its spring flowers. 1 to 2 feet, $2.40 each; 2 to 3 feet, $3.00.

Mollis. Dwarf growing, bushy, well branched, the foliage especially attractive. The flowers are a variable orange tan, yellow and red. Plant thrives in both sunny and semi-shaded locations; is very hardy and very good for foundation planting.

12 to 15 inches ..... $1.75 each; $16.50 per 10.
15 to 18 inches ..... 2.50 each; 24.00 per 10.
18 to 24 inches ..... 3.25 each; 30.00 per 10.

Rosea (Canescens). The "Do—ny Pinxter Bloom," rare in cultivation, and perhaps the most beautiful of the rose colored Azaleas. After the attractive leaves have unfolded, comes the abundant bloom, late in May, dispensing bright color and strong, delightful fragrance; autumn contributing a final phase when the leaves color brilliantly in red and yellow tones. Makes a broad, compact, formal bush. 1 to 2 feet, $2.40 each; 2 to 3 feet, $3.00 each.

BOXWOOD

Excellent subjects for lawn and porch decoration in summer, when used in tubs or boxes; and in winter they admirably ornament the window-box, hall or conservatory.

Choice American grown—late April and May delivery

Ball-Shaped—Perfect heads, 14x14 in. ..... $ 5.00 each.
" " " " 16x16 in. ..... 6.00 each.
" " " " 18x18 in. ..... 7.00 each.
" " " " 22x22 in. ..... 10.00 each.
Pyramid-Shaped—28 inches high ..... 6.00 each.
" " 32 " " ..... 8.00 each.
" " 36 " " ..... 12.00 each.

Tree-Shaped, with Globe Heads, 12 inches in diameter, stems 12 to 15 inches high ..... $5.00 each.

Cedar Tubs. If desired, we can furnish presentable green painted Cedar Tubs for above Boxwoods, at 1.00 per plant additional.

Tree Box (Buxus Sempervirens). A hardy, outdoors type we have propagated here for many years. It is slow growing, so that with slight shearing it may be utilized as a dwarf-box edging for garden, beds and walks. No other hardy edging is its equal in refinement and lustrous beauty. 8 to 10 inches (bare roots), 75 cts.; $7.00 per 10; $60.00 per 100.
Mail Size (bare roots), 50 cts.; $4.00 per 10; $30.00 per 100.

DAPHNE

Cneorum. One of the few varieties of **"Garland Flower"** sufficiently hardy to use properly in this northern latitude, and should be given a sunny location. It is a very dwarf shrub, almost evergreen, with spreading branches on which the narrow, inch-long leaves are crowded; making very pretty trails of blue-green foliage. The soft pink flowers appear profusely during April and May, and at intervals throughout the summer; very small and dainty in terminal clusters, with a distinct and very pleasing fragrance. 10 to 12 inches, (B & B), $1.75.

KALMIA

Latifolia (Mountain Laurel or Calico Bush). Second only to the Rhododendrons among the broad-leaved evergreens. Its quaintly formed, rosy-white buds and flowers cluster in great trusses during July, and contrast finely with the shining, dark leaves. Even small plants are gay with them. Especially impressive in masses, but make a brave show as separate specimens. 2 to 3 feet, $3.25.

LEUCOTHOE

Catesbaei (Drooping Leucothoe). A beautiful shrub, both for blossom and foliage. The leaves, bright green in summer and purplish-red in the fall and winter, are evenly disposed on gracefully drooping branches, from which are pendant many densely packed racemes of bell-shaped, creamy white flowers in early May. The colorful foliage is much desired for winter house decoration. 1 to 2 feet, $2.50 each.

MAHONIA

Aquifolia (Holly-leaved Ashberry). A beautiful evergreen shrub, with smooth shining holly leaves; bright yellow flower clusters in May, and blue berries. The leaf color varies capriciously through the year, assuming shades of green, with flecks of red and bronze.

15 to 18 inches ..... $1.50 each; $14.00 per 10.
18 to 24 inches ..... 2.00 each; 19.00 per 10.
Mail Size ..... 60 cts. each; 3 for $1.50.

RHODODENDRONS

Its leathery leaves provide wonderfully rich backgrounds of dark green amid the floral distractions of summer, and inject a lively reminiscence of the season past, in winter landscapes. Although most effective and cared-for when planted in masses, smaller groups and units are invaluable for shaded nooks about the house or lawn. They will grow in any good soil, but are finest in a sun-and-wind sheltered situation, where the soil is deep, well drained and mulched with leaves. In hot, dry weather **soak** the ground —say about once a week. A protection of leaves and brush during the winter will be beneficial.

Catawbiense. Very hardy, with attractive foliage of round shining green leaves, glaucous beneath, in terminal clusters. The flowers are borne abundantly in large trusses, in shades of lavender and purple, appearing early in June. 1 to 2 feet, $3.50; 2 to 3 feet, $4.50.

Maximum. Foliage very large and smooth, its July flowers in shades of rosy blush and white. Very attractive for natural effects along shaded walks and drives, and best for massing. 2 to 3 feet, $4.00; 3 to 4 feet, $5.00.

Mix Broadleaf Evergreen Shrubs in masses with deciduous shrubs or other evergreens

Summer Bedding Plants

To Brighten Up Your Lawn and Garden. Lovely Flowers—Showy Foliage Plants for Beds, Baskets and Vases from our Greenhouse Dept.

IN THIS section we have grouped large classes of potted plants and other subjects, excepting the bulbs and hardy flowers, which are desirable for bedding plants. Potted plants which are mainly used as decorative house plants are listed, starting on Page 82. In anticipation of our Diamond Jubilee Year we have prepared an enormous stock of Bedding Plants, probably the largest and most complete stock in the country.

PRICES: **All prices listed under this department are priced for delivery by mail, postage prepaid—unless otherwise specified. Express shipments are not prepaid.**

We Guarantee Safe Arrival. Shipments of stock from our potted plant department, by mail or express, are guaranteed to reach destination in good condition. We should be advised if delivery is not made within a reasonable time after notification is mailed from this office. Examine stock carefully upon arrival, and report **promptly** any items damaged or in poor condition, both to us and to the delivering Express company. After safe delivery in good condition we do not assume responsibility for future growth or failure.

PLANTING TABLE
For Circular Beds

AT 6 inches apart, commence outside row 3 inches from edge of circle; if 12 inches apart, then 6 inches from edge, etc. It is important to make the outer rows compact, although the inner rows may be more openly spaced. The table below is for circular beds, but if square will require about the same number of plants. An oval bed may be compared to a diameter found by adding length to breadth and dividing by two.

Diameter of Bed	Plants 6 In. Apart	Plants 12 In. Apart	Plants 18 In. Apart	Plants 24 In. Apart	Plants 30 In. Apart
3 feet	28	7			
4 feet	48	12	6		
5 feet	80	20	8		
6 feet	112	28	12	7	
7 feet	152	38	18	9	
8 feet	200	50	24	12	
9 feet	256	64	28	16	
10 feet	320	80	36	20	13
11 feet	380	95	42	24	16
12 feet	452	113	50	28	18
13 feet	528	132	59	33	22
14 feet	612	153	68	39	25
15 feet	704	176	78	44	28
16 feet	804	201	89	50	32
17 feet	904	226	100	57	36
18 feet	1016	254	113	63	40
19 feet	1132	283	126	71	46
20 feet	1256	314	139	78	50

Formula for computing number of plants in each row of a circular bed: Radius (in inches) x 6⅓ ÷ Interval = plants. Each interior row requires 6 plants less than the next larger circle. Compute outer row first.

Abutilon Souvenir de Bonn

ABUTILON [Flowering Maple]

Popular as pot plants, and for summer bedding, vases and baskets. The flowers are deep bell-shaped, in various colors, solitary, well distributed over the plants, borne in profusion throughout the entire season.

Daydawn. Flowers bright daybreak pink.

Golden Bell. Tall growing, profuse in golden bloom. This is particularly good for garden show.

Savitzi. A Japanese variety that is deservedly popular as a decorating plant, its sharply variegated green and white foliage making it very attractive and showy. 25 cts. each; $2.50 per dozen.

Snowstorm. Flowers pure white.

Souvenir de Bonn. Deep green maple-shaped leaves, irregularly bordered with creamy white. Very free flowering, with bright orange flowers, veined crimson.
25 cts. each; $2.50 per dozen.

Splendens. A beautiful deep red variety, dwarf growing, with foliage a pleasing shade of green.

Thompsoni. Flowers salmon-pink, foliage blotched with yellow.
25 cts. each; $2.50 per dozen.

Unless noted, 20 cts. each; $2.00 per dozen.

See page 82 for complete line of Decorative House Plants

ACALYPHA

One of the popular colored types of bedding plants, with various attractive leaf-formations.

Sanderi. (Chenille Plant.) Foliage deep glossy green; the flowers being fuzzy, bright red, rope-like pendants, often 18 to 20 inches long, drooping from the axil of each leaf. They make showy specimen pot plants, and are very cheerful summer bedders.

Triumphans. Crisp, pointed, ovate leaves of light red, fantastically marbled in darker shades.

Wilkesiana. The broad leaves are oddly and capriciously variegated in blocks, splashes, streaks, or spots, or all, in uncertain proportions. Colors range through combinations of light to very dark greens, pale red to maroon, pale yellow to bronze.

PRICE: 25 cts. each; $2.50 per dozen.

ACHYRANTHUS

Thrive in any soil; are not easily killed by frost. They make intensely bright beds, and show off splendidly in borders against taller growing plants.

Herbsti. Transparent leaves of rosy carmine, intensely brilliant; compact and dwarf growth.

McNally. Red stemmed; bright, rich green with yellow arching veins. A robust grower.

20 cts.; $1.50 per doz. By express—$10.00 per 100.

AGERATUM

The flowers appear in great profusion all the season, in rounded terminal umbels, each floret a small round bur of protruding, but soft bristles. They appear to greatest value as an edging, or massed.

Fraseri. A new variety with marked improvement for size, compactness, and depth of purplish blue color in the burs; the plants attaining 8 to 10 inches in height.

White Cap. Flowers pure white, plants 12 to 15 inches.

Wilsoni. Similar color to Fraseri, but plants bushier and only 6 to 8 inches high. This makes a beautiful pot plant of globular shape, covered with bloom.

20 cts.; $1.50 per dozen. By express—$10.00 per 100.

Acalypha Sanderi

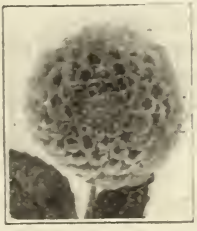
ALOYSIA CITRIODORA

The well known "Lemon Verbena," noted for its delightful fragrance of foliage.

20 cts. each; $2.00 per dozen.

MAIL ORDER BARGAIN COLLECTIONS

of plants at half price—15 different sets 85c each postpaid



These bargain collections can be offered cheap because they are assembled in large quantities and at one time, at a minimum handling expense. You get the same quality of plants that you would receive were they purchased as single items and save practically half the cost.

CHOICE VARIETIES

Select the sets you want, but the choice of varieties must be left to us. Plants and bulbs used in filling these collections are not the cheapest varieties by any means. Often we include many novelties and especially good varieties of which we have a surplus.

Mention Numbers wanted. Our Selection of Varieties, Each Set, Postpaid, for..... 85c

The prices of all collections are NET except that we will send 5 collections for..... $3.75

Set No. 1— 6 Geraniums assorted.
Set No. 2— 6 Carnations assorted.
Set No. 3— 6 Double Petunias, assorted.
Set No. 4— 6 Begonias assorted.
Set No. 5— 6 Large Flowered Cannas, 6 varieties.
Set No. 6— 6 Hardy Mums, in 6 varieties.
Set No. 7— 6 Basket or Vase Plants.
Set No. 8— 6 German Iris, 6 varieties.
Set No. 9—30 Gladiolus bulbs—mixed varieties.
Set No. 10— 8 Choice Herbaceous plants, all different.
Set No. 11— 6 Hardy Phlox, 6 varieties.
Set No. 12— 5 Dahlias, in 5 varieties.
Set No. 13— 6 Fern Dish Ferns, in assortment.
Set No. 14— 2 Lantanas, 2 Heliotropes, 2 Ageratums.
Set No. 15— 4 Hardy Lilies, in 4 varieties.

SPECIAL—Potted-Annual Plants, a Boon to Gardeners. See Page 66.

BULBS for SUMMER BEDDING

Listed elsewhere in this Catalog

	Page		Page
Cannas	70	Caladiums	68
Dahlias	72	Callas	69
Gladioli	79	Cinnamon Vine	69
Tuberous Rooted Begonias	68	Gloxinias	69
Amaryllis	68	Madeira Vine	69
		Tuberose	69

ALTERNANTHERA

Bright, dainty little foliage plants extensively used for dwarf edging and for carpet bedding.

Aurea. Fine leaved; bright yellow, touched with green.

Brilliantissima. Rather broad leaves, bushy growth; mottled bronze and cream, but mostly bright red.

15 cts.; $1.25 per dozen. By express, $8.00 per 100.

ARTEMISIA SILVER KING

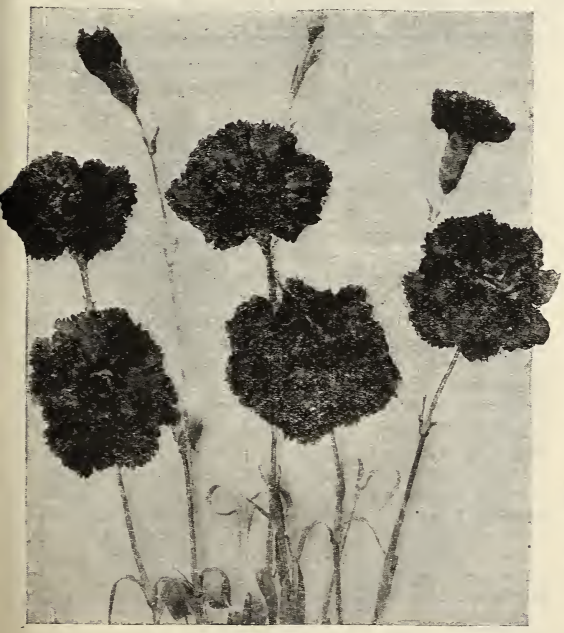
[The New Misty "Mixer" for Bouquets]

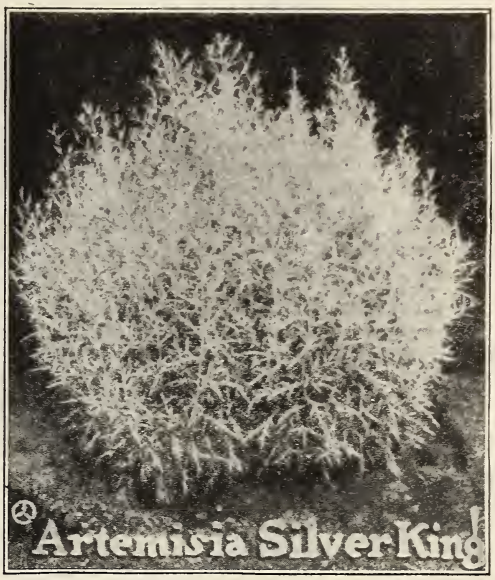
Here is something new and outstanding. A strikingly effective white leaved contrast plant. A beautiful "mist" for setting off bouquets and floral combinations. A splendid filler for Canna beds, Larkspurs or other tall plants. Silver King is a root-spreading perennial (2-2½ feet), but is also valuable to stick around here and there among the summer bedding plants for its silver effect. 2½-inch pot plants, 25 cts. each; 3 for 65 cts.; $2.50 per dozen. By express, $18.00 per 100.

BROWALIA

Browalia Speciosa. A conspicuous plant, with numerous single flowers of deep indigo blue, fully 2 inches in diameter, blooming continually. Equally for beds, pot plants, boxes and baskets.

15 cts.; $1.50 per dozen. By express, $10.00 per 100.





BEDDING BEGONIAS

Gracilis Luminosa. A magnificent Semperflorens, with flowers large, perfect and plentiful, and never out of bloom. Color the brightest scarlet.

Prima Donna. A good bedding Begonia with large, free flowers of bright pink.

White Pearl. Large, waxy white flowers; practically everblooming; growth rapid and bushy.

20 cts. each; 3 for 50 cts.; $2.00 per dozen. By express, $15.00 per 100.

CARNATIONS

Blooming plants valued for the inspiring spiciness of their perfume, the perfection of their flower form, fine cutting-lengths of stem, freedom, and long keeping.

Carnation plants should be repotted whenever there is indication of their becoming pot-bound. Transplanted into the garden after all danger of frost is over, and given at least 12 inches of space, with good soil and cultivation, these plants should furnish abundant bloom from July until late Fall or may be kept "pinched back" to retard bloom, potted up at approach of frost and brought inside for winter blooming.

Eldorado. A handsome variegated sort; white, irregularly streaked with red.

Fairy Queen. A delightful new light pink, favoring the well known Enchantress Supreme. 25 cts. each; $2.50 per dozen.

Golden Glow. Good sized; an even shade of light yellow.

Laddie. The most popular salmon pink ever produced. Extra size, perfect shape, wonderful color. 25 cts. each; $2.50 per dozen.

Mrs. C. W. Ward. Long the standard of excellence in deep pinks.

Red Matchless. Has outlived many novelty reds, because better.

Spectrum Red. A fast, brilliant shade of red; large sized, dependable character, and free, showy bloom. 25 cts. each; $2.50 per dozen.

White Ivory. The most substantial pure white on the market today.

Unless noted, 20 cts.; $2.00 per dozen. By express, $12.00 per 100.

Artemisia is the Outstanding Novelty on this page

CHRYSANTHEMUMS

Colorful Show Flowers

THE magnificent, large flowered, fancy sorts may be forced and developed under glass, to the highest state of perfection; but are not hardy enough to survive the rigors of winter outdoors. The average householder, therefore, must depend upon his garden for the Mum show; and is thus limited to the Earlies, Mid-seasons, Pompons, etc., which will bloom freely during the fall, and before winter sets in. Buy young plants each season, like Geraniums; their first bloom is best.

LARGE FLOWERED TYPES

(E) for Early; (M) for Mid-season; (L) for Late.

Betsy Ross. (M.) White Chrysanthemum of rare purity, perfection of incurved form, extra length of sturdy stem, and dependable freedom and quality of bloom; mark this variety as one of the most satisfactory whites.
Each, 35 cts.; dozen, $3.50.

Harvard. (L.) Has a "collegiate" aspect appropriate to football fields, where its shaggy reflexed form and deeply crimson color are indeed very popular.
Each, 30 cts.; dozen, $3.00.

Loyalty. (L.) A Thanksgiving certainty of graceful character and very bright yellow color.

Midnight Sun. (M.) Of dwarf growth, with excellent stem and foliage; the bright yellow flowers of good incurved form.

Oconto. (M.) A beautiful white Japanese type. Moderate size but perfect ball shape; quite hardy for garden planting.

Pink Mistletoe. (L.) Its blush white parent is standard for beauty and desirability; this sport is equally good in a warm shade of pink.

Private J. Gresham. (L.) A magnificent exhibition two-color type of large size, evenly reflexed form, and thrifty development; terra cotta red with golden reverse.
Each, 50 cts ; dozen, $5.00.

Betsy Ross

Smith's Enchantress. (E.) Uniformly intense rose pink; extremely prolific. Probably the most dependable and satisfying of all the early pink varieties.
Each, 35 cts.; dozen, $3.50.

Unaka. (E.) A strong grower of commendable habit, with fine incurved bloom; a pleasing pink.

Unless noted, each: 25 cts.; dozen, $2.50. By express, $15.00 per 100.

For Hardy 'Mums, Pompon and Anemone 'Mums, see page 36.

COLEUS

Broad-leaved, bushy foliage plants which are unmatched for brilliancy and unique arrangement of colors. Some of the fancier sorts are painted in designs as indescribable as the traceries of frost. The more solid colors are in most general use for large bedding schemes. Cecil Brown, for its fine trailing habit, and various of the fancy patterned sorts are largely utilized in box and vase work.

Beckwith's Gem. The center is dark velvety maroon, bordered fiery red, the edge green, changing to creamy yellow at the point of the leaf. Most popular dark kind.

Cecil Brown. (Trailing Queen.) One of the most attractive for close bedding, boxes and hanging baskets ever introduced. Rather small escalloped leaves of dark green, evenly checked with curving maroon lines; the wedge-shaped center gay with magenta and cream. This variety has assumed an important place as a vine for porch boxes, not usually alone, but mingled with Ivy, Asparagus, etc.

Christmas Gem. ("Brilliancy.") Unique among other Coleus; the symmetrically branched plants and more ample foliage furnishing a colorful potted decoration for the Xmas holidays. Leaves are very broad, the underside a bright, yellowish green which carries over and beyond the beaded edge until lost, after fitful struggling, beneath a covering surface of oriental red. Overall lies a distinct sheen of old rose, pointed here and there with pearl and carmine. 25 cts. each; $2.50 doz.

Crescent. Beautiful pointed leaves edged Nile green, but mainly a velvety red-maroon with a center wedge of crimson pink.

Daytonia. Yellow and green, with varying red-brown center.

Eddie George. The biggest leaves are 4 by 6 inches, heavily grained, with a beaded gold edge. The color is solid red brown, with a bronze sheen and purplish bloom which add both lustre and velvet to the glowing surface. One of the few good kinds for pot plants.
25 cts. each; $2.50 per dozen.

Firebrand. One of the darkest in general effect. Like a charred remnant from the hearth, its edges dappled with the red glow of smoldering embers.

Glory of Autumn. Most vivid autumnal colorings in great variety on every plant, each leaf defined by a heavy beaded border of applegreen.

Golden Crown. Brightest yellow for bedding. Used frequently for a yellow ribbon in circular beds, between the Scarlet Salvias, and a bronze-red edging of Alternantheras.

Her Majesty. Rich, warm red-brown without a blemish, confined within a beaded edge of gold.

COLEUS—Contd.

Hollywood. Clustered small, crinkled leaves defined by yellowish green scallops. The surface a distinctly threaded tapestry; warm, and richly patterned in its shades of red and moldy bronze, carmine and madder rose.
20 cts. each; $2.00 per doz.

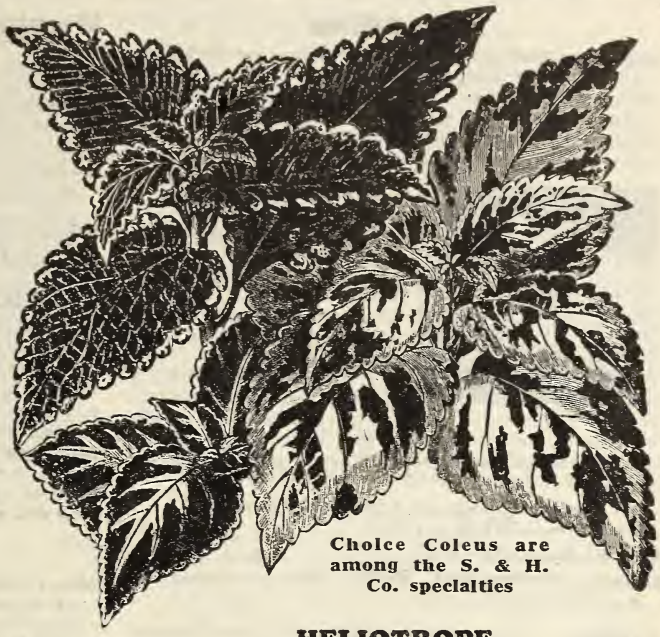
Pride of Painesville. Long, arching leaves distinctly ruffled; plant of vigorous density and sustained brilliance. Velvety ebonized brown, with large central segment of carmine red (discoloring to lavender cream on reverse side); the deep marginal scallops bright green with a red dot at base.
25 cts. each; $2.50 per dozen.

Princess. Broad, velvety leaves of purple madder brown, with beaded green edge and magenta midrib.
20 cts. each; $2.00 per dozen.

Queen of the West. A center wedge of creamy white bordered green; the whole margined yellow and streaked carmine and maroon.

Verschaffelti. Rich, velvety crimson.

Unless noted, 15 cts. each; $1.50 per doz. By express—$8.00 per 100.



Choice Coleus are among the S. & H. Co. specialties

COTONEASTER

Being difficult to transplant in the average shrub size, we are growing them in pots to send out in a thrifty young stage, for greater security. Plant them in any good well drained soil, avoiding shade or moist situations.

Horizontalis. A dwarf shrub with densely spreading horizontal branches almost prostrate. On account of its habit, is much appreciated in rockeries and the front of borders, to display its crimsoning leaves and scarlet fruits, deep into winter. 4-inch pot plants, $1.00 each; $9.00 per 10. By express—75 cts. each; $7.00 per 10.

CUPHEA [Cigar Plant]

Tricolor. A bushy bedding or basket plant about 15 inches high, bearing great numbers of narrow tubular flowers, bright scarlet, purple and white tips.
15 cts. each; $1.25 per dozen.

Peachblow

HELIOTROPE

This altogether delightful old plant has ever been a great favorite among those who enjoy and appreciate garden perfumes, and flowers of dainty type.

Centefleur. Dwarf growing with fine, neat foliage. Flowers are deliciously fragrant, florets wide and flat, color deep true heliotrope, with conspicuous white eye. Sprays are of the largest size, completely covering the plant.
25 cts. each; $2.50 per dozen.

Florence Nightingale. Bright lavender.

Snow Wreath. Blooms in large trusses of clean white flowers. This has perhaps the sweetest perfume of any, and mixes prettily with the blues.

Unless noted, 20 cts. each; $2.00 per dozen.

HIBISCUS SINENSIS

Strong growing tropical plants with handsome glossy foliage and large, brilliant, showy flowers. In a warm sunny window they make fine decorative plants and bloom profusely. In open ground during summer they make a gorgeous display with bright colored flowers.

Cooperi Tricolor. Shrubby upright growth with drooping leaves of irregular outline, in sizes graduating according to their age. Their color is one of the best examples of variegated foliage to be found among the house plants, a capricious splatteration of greens, pinks and white.
25 cts. each; $2.50 per dozen.

Mineatus Semi-Plenus. Half double, prettily ruffled flowers; light vermilion scarlet—20 cts. each.

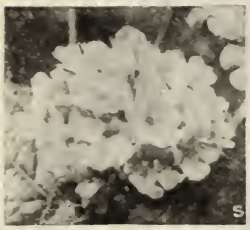
Peachblow. Flowers double; of a rich shade of clear pink, with small, deep crimson center; most beautiful shading; 4 to 5 inches in diameter. Blooms freely even on small plants.
20 cts.; $2.00 per dozen.
2 yr. old, from 4-inch pots, 50 cts. each.

Red Peachblow. The usual fully double petalage of the type, but strongly colored with red, a violaceous overcast making it very attractive.
25 cts.; $2.50 per dozen.

The field grown Cotoneasters are listed in variety on Page 7

IMPATIENS

Impatiens Sultana Hybrids. Seldom out of bloom, when at their best spangled with flat, single flowers, ranging from intense carmine-rose to white; against a rounded background of glossy green leaves. In separate colors: **Red, Pink, White** or **Mixed.**
20 cts. each; $2.00 per dozen.



LANTANAS

Profusely blooming bedding plants, growing from 12 to 18 inches high, also popular in baskets and boxes. They are in bright, catchy bloom continuously from spring until frost cuts them down in the fall; at all times emitting a pleasant, pungent fragrance. The flowers are small, bright-eyed cups, set quite closely together in rounded umbels 2 to 4 inches across. Their colors run to brilliancy, and unite two or more contrasting but harmonious shades.

All Lantanas 20 cts. each; $2.00 per dozen.
By express—$14.00 per 100.

Alba Perfecta. Pure white.

Countess de Biencourt. Brilliant rose-pink surrounding a center of creamy yellow.

Craigi. Dark, cardinal-red velvet, its center studded with gold; extremely florescent.

Jacob Schultz. Rich, velvety crimson-wine; with a varying center of blood orange; the darkest and showiest sort. Especially noticeable and pleasing in generous beds.

Harkett's Perfection. Golden variegated foliage; flowers yellow and pink.

Michael Schmidt. A bold, brilliant fire-red; its few yellow florets at center heightening the flame effect.

Tethys. Pale buff, the outer cups heavily gilded.

Weeping Lantana. A fine plant for winter flowering in pots or small summer hanging baskets. Flowers delicate rose lilac in compact umbels, borne freely all over the plant from the base of each leaf stalk. Its long, drooping flower laden sprays are unique among summer plants.

PANSY PLANTS

Thrifty started plants already in bloom. Colors and markings are widely varied, and very beautiful.
50 cts. per dozen; $3.50 per 100. By express—$3.00 per 100; $27.00 per 1,000.

PARIS DAISY or "Marguerite"

The Marguerites are a delight in the garden where their conspicuous flowers, and rich green, indented foliage blend harmoniously with other bedding plants. Potted, they carry nicely in bloom through the winter. Used to advantage in summer boxes.

Boston Yellow. Long stemmed; light yellow.

Mother's Favorite. Semi-double; white with distinct cushion center of short ray petals.

Mother's Pearl. Fully double; white.

20 cts. each; $2.00 per dozen.

PELARGONIUM

Mrs. Layal. (The genuine "Pansy Geranium.") Rounded, satiny, exquisitely marked and colored. Its colors range from a large crimsoned chocolate center through pink to white at the edges. Growth characterized by compactness and sturdiness.
25 cts. each; 3 for 65 cts.; $2.50 per dozen.

POTTED ANNUALS

A Boon to Gardeners

We sow the seed, pot the plants, develop them in our greenhouses, and have the following fine list of favorite annuals well developed, ready to send out about May 1st.

See descriptions under Flower Seeds.

African Daisy (Arctotis)
Ageratum Tom Thumb
Alyssum
Asters, to color in the main classes
Bachelors Button
Bedding Begonias, in variety
Browalia Speciosa
Calendula
Centaurea Imperialis
Chrysanthemum (annual), summer flowering
Clarkia
Dusty Miller (Centaurea)
Hunnemannia (Yellow Tulip Poppy)
Kochia (Summer Cypress)
Larkspur (Annual)
Lobelia (trailing and edging kinds)
Marigold: in variety
Nigella
Periwinkle ($1.50 per dozen, $8.00 per 100)
Petunias (Single)
Phlox Drummondi
Salpiglossis
Salvia (Red)
Scabiosa
Schizanthus
Snapdragons, in variety
Stocks
Strawflowers
Verbenas, in variety
Wallflowers
Zinnias, all types.

PRICE: **Except noted, by mail, $1.25 per dozen. By Express—$1.00 per dozen; $7.00 per 100.**

See Page 90 for Special Diamond Jubilee Offers

Fill vacancies in the border with Potted Annuals and have flowers all summer.

PETUNIAS

Double Flowered. We are listing five distinct color types which are almost perfect balls of wrinkled petalage. They furnish an unlimited amount of bloom throughout the summer, fragrant and dainty and altogether delightful. This double flowered class will profit wonderfully from extra soil enrichment, frequent cultivation and plenty of water; they are worth extra attention. In separate colors: **Red, Pink, Purple, White** and **Variegated.** 20 cts.; $2.00 per doz. By express—$14.00 per 100.

Double Rosy Morn. A remarkable novelty, derived from the single "Rosy Morn," having the same brilliant rose pink color, deepened because there are so many petals in the flower. This variety may be found listed also among the potted house plants.
25 cts.; $2.50 per dozen. By express, $15.00 per 100.

Single Flowered. Giant Ruffled. Flowers beautifully ruffled and fringed. Colors rich and gorgeous, with deep throats of various shades. Fine single mixed.

Rosy Morn. Of compact, bushy growth, 15 inches in height, covered the entire season with 1½-inch flowers. Throat silvery-white, outer edge heavily shaded soft rose-pink.

Triumph. A splendid new large flowering single variety of uniform growth and general superiority as a mass bedder. It is beautifully ruffled, and very conspicuous in its clear, bright cerise-pink color. **15 cts.; $1.25 per dozen. By Express—$1.00 per dozen; $7.90 per 100.**

"Balcony" Petunias (Single). A recently new type of immense size and smooth flower perfection. Although originally cited especially for box and basket work, gardens will not be denied their beauty as bedding plants; so they are popularly in use as such. The colors are solid and distinct, offered separately: **Blue, Crimson, Rose, White.** 15 cts.; $1.25 per dozen. By express—$1.00 per dozen; $7.00 per 100.

SALVIA [Scarlet Sage]

The showiest, cheapest and most practical red obtainable, for summer beds and borders.

America. Finest and showiest of all the Salvias; the earliest, freest and most continuous bloomer. Plants grow about 15 inches high, precisely uniform, richly green; above which blaze the immense compact spikes of scarlet flowers to a maximum height of 2 feet.

SALVIA—Contd.

Splendens. Long spikes of dazzling scarlet flowers remaining in bloom until cut down by frost. **$1.25 per doz. By express—$1.00 per doz.; $7.00 per 100.**

Pink Salvia. Very pretty garden effects may be obtained from use of this novelty, which is bushily compact, with full spikes of rich salmon pink. 20 cts. each; $2.00 per dozen.

White Salvia. Equal in size and quality to any previous sort, in color a clear cream white. 20 cts. each; $2.00 per dozen.

VERBENA

These are compact, showy flowering plants of considerable value for outlining beds, or as entire 15 to 18-inch high beds of solid or mixed colors. Beautiful, highly colored umbels borne very freely throughout the summer bedding season. Assorted colors in **Purple, Scarlet, Pink** and **White.**

Erinoides. Ferny foliage, dense spikes of purplish rose changing to Oxford blue. **15 cts.; $1.25 per dozen. By express—$1.00 per dozen; $7.00 per 100.**

BEDDING VINCAS

Periwinkle. Everblooming bedding plants growing to 12 to 15 inches in height; the flowers Phlox shaped in moderate terminal clusters. In separate colors, **Rose** or **White.** 15 cts.; $1.50 per dozen. By express—$1.25 per doz.; $8.00 per 100.

VIOLETS

Frey's Fragrant. A thrifty, strong-growing, hardy violet with a great crop of large, single, exceedingly fragrant bloom.

Lady Campbell. Deep purple, double flowers.

Princess of Wales. Broad Pansy-like flowers of a beautiful violet purple shade, with lighter center. A vigorous growing plant with clean, healthy foliage and stiff long stems. One of the most beautiful and free flowering Violets.
20 cts.; $2.00 per dozen. By express—$15.00 per 100.

Salvia (Scarlet Sage)

New Amaryllis Hybrids

Tuberous Rooted Begonia

"Elephant's Ear" Planted in Rockery

The Pick of Summer BULBS and S. & H. CO. QUALITY

ON THIS and the following thirteen pages we list the various types of spring planted bulbs and tubers so indispensable for summer and fall flowers. We have a particularly good stock of these items to offer on this, our Anniversary Year. If you test the S. & H. claim of quality by ordering from this department we know you will not be disappointed.

AMARYLLIS

Valuable alike for house, conservatory or garden. For pot culture they should be well drained and potted in soil composed of leaf mold and light loam, although they grow well in any rich soil. After blooming season is over, withhold water, as the top begins to die; when thoroughly ripened place in dry cool place, leaving plant in pot, to allow season of rest.

Equestre. Bright salmon pink, with a distinct snow-white blotch at base of petals.
35 cts.; $3.00 per dozen.

New Hybrids. In this new selection of improved types, we offer a most delightful range of colors, both solid and in combination. They run through shades of red and rose to white; not offered separately, but in mixture.
First size—$1 00; $10.00 per dozen.
Second size—60 cts.; $6.00 per dozen.

TUBEROUS ROOTED BEGONIAS

This is indeed a most interesting section. The flowers vary considerably as to form and size, ranging from 2 to 4 and even 6 inches across, while some of the single ones perfectly smooth, while others are fluted or distinctly fringed. The colors are delightfully vivid and distinct.

When grown outside, the Tuberous Rooted Begonias should be taken up before cold weather, spread out to dry, and be packed away in boxes of dry sand and stored through winter in some cool place, yet not where frost can reach them. Some little time before planting outside in spring they should be potted and kept inside until well started. They delight in a partially shaded location in soil composed of leaf mold, sand and well rotted manure.

Single Flowered. Separate colors, **white, pink, scarlet, crimson, salmon** and **yellow.**
25 cts. each; $2.50 per dozen; $18.00 per 100.

Double Flowered. Varieties in separate colors, **white, pink, scarlet, crimson, salmon** and **yellow.**
30 cts. each; $3.00 per dozen; $22.00 per 100.

CALADIUM ESCULENTUM
(Elephant's Ear)

For obtaining tropical effects in lawn and garden planting this beautiful plant, which grows from a bulb, takes a prominent place. Stands 6 to 7 feet high, with bright green leaves 3 to 4 feet long and 2½ feet wide. Should have plenty of water and good rich soil. Is a splendid adornment for the banks of fountains and lily ponds, or any rockery work where plenty of moisture is available.

	Each	Dozen	Doz. by Express
Extra large bulbs	35 cts.	$3.50	$3.00
First size bulbs	20 cts.	2.00	1.75

SEE PAGES 70 TO 81 FOR

and Autumn Flowering TUBERS

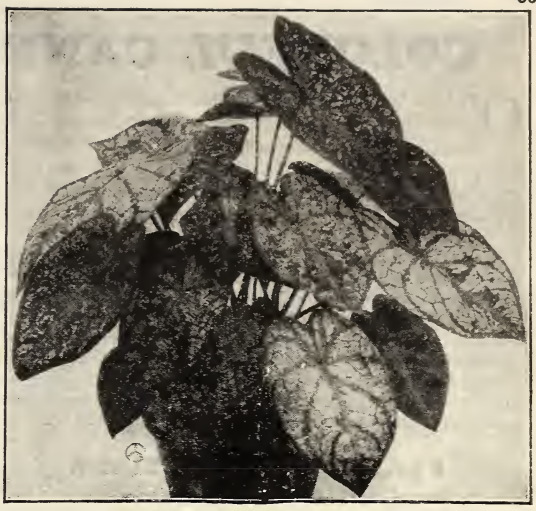
Special **JUBILEE VALUES**

FANCY LEAVED CALADIUMS

A class of beautiful variegated foliage plants, excellent for window boxes, vases or single pot plants, succeeding equally well in a somewhat shady situation out of doors. Among all foliage plants they are undoubtedly the showiest, reveling in many soft colors and indescribable beauties of design. After becoming well established, they require liberal watering, coupled with adequate drainage. The bulbs should be started into growth about the first of April and dried off in October and kept in a warm and dry place until spring again.

25 cts. each; $2.50 per dozen.

By express—$20.00 per 100.



Fancy Leaved Caladiums

CALLAS

The White Calla is rarely used except for house blooms but the hardier spotted-leaved variety, Elliotiana, is mainly used in the gardens for the beauty of its foliage as a border, and its delightful flowers for late summer cutting. The bulbs should be set out after danger of frost is past, and dug up again in the fall for drying off and winter storage.

Ethiopica. This is the well known and ever popular White Calla Lily whose chaste, waxen beauty is typical of purity and refinement. There is nothing to take its place in decorations for church functions, and its presence in the home is ever an inspiration.

35 cts. each; 3 for 90 cts.

Elliotiana. Leaves dark green with creamy white spots; flowers a richly lustrous golden yellow.

20 cts.; $2.00 per dozen; $15.00 per 100.

The Godfrey Everblooming Calla. (New.) Flowers as large as the largest and outbloom the others three to one; pure white. Plant dwarf and compact.

25 cts. each; $2.50 per dozen.

Spotted Calla "Elliotiana"

CINNAMON VINE

A fine hardy climber. The vine is a very rapid grower, producing flowers of a cinnamon fragrance; therefore called "Cinnamon Vine."

25 cts.; 3 for 65 cts.

GLOXINIAS

The Gloxinia has handsome large, round, hairy leaves and quantities of big flowers. Give rich, light soil and partial shade, until well started into growth; in watering, do not wet the leaves. When through blooming, store in any dry, warm place for re-potting next season. **Scarlet, Scarlet Bordered, Purple** and **Purple Bordered**—35 cts. each; $3.50 per dozen.

MADEIRA VINE

A beautiful rapid growing vine with dense foliage, fleshy, heart-shaped, light green. Numerous Mignonette-like feathery racemes of white flowers, which are pleasantly fragrant. Ordinarily hardy North if well protected by litter during the winter. Strong tubers. 15 cts. each; $1.50 dozen.

TUBEROSE

Excelsior Pearl. Fall flowering bulbs; long, compact spikes of double, waxy white flowers, exquisitely perfumed.

3 for 25 cts.; 75 cts. per dozen. By express—$5.00 per 100.

Gloxinia

CANNAS, DAHLIAS, GLADIOLI

COLORFUL CANNAS *for Summer Bedding*

OF ALL bedding plants, Cannas are the tallest and bulkiest, and furnish the widest range of colors. Their foliage is of noble proportions, making a full, compact mass which serves to conceal the ground or background, and is of itself attractive in rich shades of green, bronze, red and chocolate. The surmounting flower trusses are uniformly large and free, brilliant with most of the colors and combinations known among flowers.

Massed plantings in one color are recommended as being most effective; but many beautiful and striking combinations of colors may be arranged. See table below for guidance as to quantities of each. **Started plants ready to ship after May 1st.**

Unless noted, all varieties in the succeeding list have green leaves and belong to the well known Dwarf French Canna class, and to those tall sorts known as giant "Orchid-flowered," or Italian Cannas. The exceptions noted refer to those few having dark or "Bronze" foliage.

A Bed of Cannas Always Attractive

PLANTING DIRECTIONS

Soil, etc. Cannas will grow in any kind of soil and most any location, but to obtain fullest development and reward, they should be given an open, sunny location and the soil enriched with well decayed manure. Dig up about 2 feet deep, and at all times give plenty of water.

For bedding. Cannas are normally planted about 18 inches apart each way; starting outer rows 9 inches inside margin of bed. Thus the planting radius of a 6 foot circle for outside row is 27 inches. In circular beds, the tallest variety should occupy the center, the medium heights next, finishing with a dwarf kind for the outside row. By consulting our descriptions, varieties may be selected according to desired heights, which range from 2½ to 8 feet. **See planting formula and table on page 71.**

CANNA PRICES: No less than 3 of a kind sold. Dozens and less by mail, prepaid. 100 rate (25 of a kind minimum) by express, charges collect.

Started Plants from 3-In. Pots.

The Ambassador. (4 ft.) Darkly veined bronze leaves; good heads of broad flowers, unblemished fiery scarlet (**"Bronze leaved President"**).
3 for $1.00; doz., $3.50; 100 for $18.00.

Apricot. (4 ft.) Broadly compact trusses freely produced. Strong, rich apricot passing to silvery pink, with gold and coral center. One of the daintiest and most attractive.
3 for 75 cts.; doz., $2.50; 100 for $12.00.

Beaute Poltevine. (3½ ft.) Blood-shot petals of crimson-scarlet. One of the good, reliable red bedders.
3 for 60 cts; doz., $2.00; 100 for $10.00.

City of Portland. (3½ ft.) Warm rose pink, holding its tone through both hot and cool weather. The great, full-petaled trusses are borne very freely on heavy stalks and make a wonderful show throughout the season.
3 for 90 cts.; doz., $3.00; 100 for $15.00.

The "Yellow King Humbert"

Eureka. (4½ ft.) The genuine, practical white Canna is found at last. With the advent of Eureka we are granted good full trusses; broad petals; uniform, free and continuous bloom, and a clean, waxy, lily-white color. Sturdy plant and attractive foliage.
3 for $1.00; doz., $3.50; 100 for $18.00.

Golden Wedding. (3 ft.) Very rich golden yellow seldom adulterated with other markings. The flowers are large, clean, and well poised above the foliage, in shapely trusses. Exceptionally valuable because really first class solid yellow color has been almost unknown in the Dwarf Growing Cannas.
3 for $1.00; doz., $3.50; 100 for $18.00.

Hungaria. (3½ to 4 ft.) The first popular pink bedder; bright "Neyron Rose" pink.
3 for 75 cts.; doz., $2.50; 100 for $12.00.

King Humbert. (4 to 4½ ft.) The best bronze leaved variety, very distinct heart-shaped leaves shaded with purple madder-brown. Immense orchid-flowered trusses of velvety orange scarlet flecked with carmine, rose tinted at margin and base.
3 for 60 cts.; doz., $2.00; 100 for $10.00.

Louisiana. (6 ft.) Deep orange scarlet.
3 for 60 cts.; doz., $2.00; 100 for $10.00.

Mrs. Alfred F. Conard. (4 ft.) Makes a charming, continuous display of silvered peach-pink.
3 for 90 cts; doz., $3.00; 100 for $15.00.

Queen Helen ("Yellow King Humbert"). (4 to 5 ft.) Exact Humbert character, but the leaves are green and flowers rich golden yellow; beautifully dotted red.
3 for 75 cts.; doz., $2.50; 100 for $12.00.

PLANTING TABLE FOR CIRCULAR CANNA BEDS

Diam.	Center	1st Row	2nd Row	3rd Row	4th Row	Total Plants
4 ft.	1	5	.....	.....	.....	6
6 ft.	0	3	9	.....	.....	12
8 ft.	1	8	15	.....	.....	24
10 ft.	1	5	12	18	.....	36
12 ft.	3	9	15	21	.....	48
15 ft.	3	9	15	21	28	76

Richard Wallace. (5 ft.) The finest tall, light yellow; pure, unfading canary; very showy.
3 for 60 cts.; doz., $2.00; 100 for $10.00.

Souv. de Antoine Crozy. (3½ ft.) Brilliant crimson-scarlet conspicuously bordered golden yellow.
3 for 60 cts.; doz., $2.00; 100 for $10.00.

Statue of Liberty. (6 to 7 ft.) Torch-like, orange red trusses, rigidly upheld; one of the best extra tall red varieties.
3 for 90 cts.; doz., $3.00; 100 for $15.00.

The President. (4 ft.) The best green-leaved red-flowered canna offered. The flowers are immense, round, firm; a cheery one color pure scarlet.
3 for 75 cts.; doz., $2.50; 100 for $12.00.

Canna beds do not necessarily have to be enclosed by a dwarf border like some tall growing plants and shrubs, but many people prefer to do so. For such, we would suggest that Baby Rambler Roses 18 inches apart make a fine all-summer showing; as also do the hardy perennial Sedums—Spectabilis and Brilliant—similarly set; and the splendid silver white mist plant, Artemisia Silver King (see page 63).

75th Anniversary CANNA BED SPECIALS

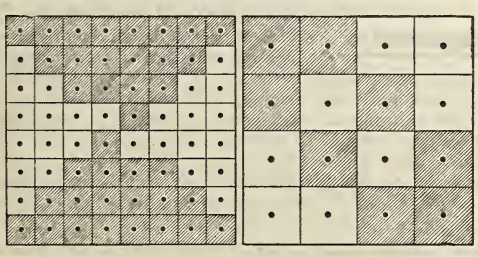
We take pleasure in offering the following suggestions for beds "just a little different".

"ROYAL WEDDING" Canna Bed

King Humbert. Black leaves, red flowers.

Queen Helen. Green leaves, yellow flowers.

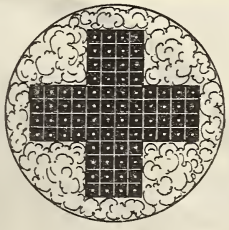
A more splendidly mated pair than these two Cannas—so regal in every way besides in name—will be hard to find. They match perfectly as to growth and character of foliage and flowers; the contrasting colors making a rich combination.



12 Feet Bed		or	6 Feet Bed	
KING	38 plants		KING	8 plants
QUEEN	26 plants		QUEEN	8 plants
Total plants	64 plants		Total	16 plants
Price by Express	**$6.25**		**Price by Mail**	**$2.75**

"RED CROSS" Canna Bed

Nature creates flowers to express her more tender emotions; man—the imitator—employs her products in the same way. Following is a suggestion which we believe has its patriotic and sentimental appeal, besides furnishing one of the most attractive Canna displays ever offered. Naturally the larger the planting, the more effective the design.



The Design. A cross of five squares, made by planting Red Cannas unusually close (15 inches apart each way); enclosed by a circular border of silver white Artemisia.

20 ft. circle—(the cross bars 15 ft. by 5 ft.)

The President Canna—80 plants, value $9.60.
Artemisia Silver King—120 plants, value $18.00.

Complete by express for $25.00

14 ft. circle—(the cross bars 11 ft., 3 in. by 3 ft., 9 in.)
45 Cannas, 55 Artemisia, value $13.65.

Complete by express for $12.50

The Artemisia is an increasing perennial which may be winter mulched and retained in position.

Our Canna list carefully balances groupings for colors and graded heights

DAHLIAS—The Favorite Fall Flower

A Special Selection of the finest varieties for our Anniversary Sale

SPRING is beautified by the Peony, summer would seem barren without the Rose; in like manner we have come to expect of autumn—the Dahlia. From the great number of more or less distinct varieties which cumber the Dahlia catalogs, we are trying to keep our own lists down to a reasonable selection from the established varieties we know, and the best introductions.

CULTURE, Etc. Dahlias are not particular as to the soil or location. Although maximum growth and bloom reward the full sun, some of the stronger sorts develop most perfect specimens in partial shade; and localities with a moist atmosphere or dewy nights are apt to give better results than a drier air. Frequent cultivation prior to their blooming season is absolutely essential to real success. Time for planting varies according to climate, but is safe after all danger of late frosts is past. Tubers should be planted about 6 inches deep, laid flat, eyes or sprout up. Although good, lively tubers are apt to produce more stalks, started plants give practically an equal amount and quality of bloom. **We send out tubers (root division) until supply is exhausted, after which orders are filled with started plants at the same price.**

PRICES: All prices are for delivery by mail, postage prepaid. Price per dozen—10 X each price.

Elite Glory

THE ELITE FIVE
Novelty Dahlias

Bonnie Brae. (Decorative). One of the daintiest color types ever offered. The gently ruffled petals are a warm suffusion of peach-pink and cream, rather deep toned at first, gradually diminishing as the colors separate so that the cream rises to the top, with pink tips and shadows. Started plants, $1.50.

Sagamore

Elite Glory. (Giant Decorative). In every way the best red introduced in many years. Flowers are of immense size, perfect in development, erect on long, rigid stems above evergreen foliage. The red is an arresting shade, unmixed with orange, purple or maroon, which gives it a unique value and magnifies its radiant beauty. Started plants, $2.00.

Gladys Sherwood. (Hybrid Cactus). Extraordinary size in breadth and thickness; the long petals broad based, but tubular at the tips. Unblemished; glistening white. $1.00.

Jersey's Beauty. (Decorative). Of ideal flower construction, large, free, with excellent stems and vigorous plant growth. A popular cut-flower, for its beautiful deep, clear rose-pink color; altogether one of the best of recent introductions. $1.00.

Sagamore. (Decorative). A superb cut-flower; of pleasing size, perfect decorative form; high-built center, erect stems. Profuse bloom of long season and long keeping, both outdoors and in water. The coloring is magnificent, apparently absorbing the autumn tints of its season. Soft saffron yellow with a faint rose undertone at base, the compact center enriched by ruddy apricot. The varying expressions of sideview or full front, sunshine or lamplight, give equal pleasure. Started plants, $2.00.

Special Collection
THE ELITE FIVE NOVELTY DAHLIAS
The set of 5 varieties above, by mail for..... $6.00

Listed on this page are the wanted varieties—new and beautiful

THE BIG TEN

Dollar Decoratives

All $1.00 each; $10.00 per dozen.

Ambassador. (Hybrid Cactus). A magnificent flower of noble proportions; soft yellow at center, with shadings of salmon, amber and pink creating a rich blend which deepens toward the tips.

Amun Ra. A giant flowered, uniformly perfect formed Decorative, on extra long, upright stems; a gorgeous, long keeping cut-flower. Soft melon pink, most of upper surface a shining gold, the large bronze center bristling with a fringe of folded petals in oriental red.

Insulinde. Color and flower shape ordinarily fix a Dahlia's status; but aside from real class in these respects, Insulinde shows a cut-flower advantage almost unknown to the species. Its 7 to 8 inch flowers are set firmly on their long stems as horizontally as Zinnias or Chrysanthemums. Its long, wide petals are deeply undulating, the usually close center upstanding like and remindful of the Calycanthus flower. Color, golden ochre, with salmon red suffusion deepening toward center.

Insulinde

Jersey King. Its brilliant color is variously described, but all meaning about the same, and spelling beauty and charm. Oriental red suffused with carmine.

Judge Marean. Large flower of perfect shape, changing color as it develops. The color range is from salmon-pink, red and iridescent orange to yellow and gold.

Mrs. I. de Ver Warner. (Decorative) Rarely imperfect in form, of large size and in great abundance. Usually displayed in profile. Its color is orchid-like and very popular, a deep mauve-pink. Early, continuous and substantial, this variety proves to be one of the finest of its class, for all purposes.

Mrs. John T. Scheepers. Immense flowers independently displayed above the foliage; canary yellow at center, graduating into a delicate suffusion with pink in the outer petals.

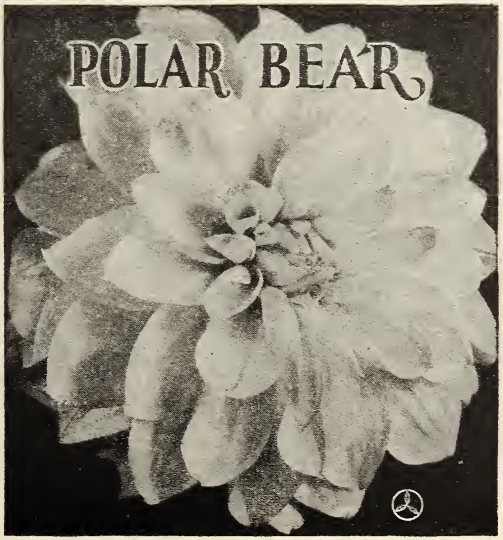
Polar Bear. Purest white, the waxy flowers of great size and perfect form, born very freely on good long stems; long lasting quality, either on the plant or in water. We call this the finest white Dahlia for practical cutting, we have ever offered.

Winfield Slocombe. A particularly show garden type, its short growth and fern-like foliage practically concealed by the profusion of its large, compact bloom. The color is a brilliant golden orange, charming under artificial light when displayed to its best advantage in a shallow bowl-shaped vase.

Wm. Slocombe. Unlike the above, this delightful variety is long stemmed, and loosely long petaled, recurving into very large globular heads; a bright canary yellow.

The set of 10 varieties above, by mail for $8.00

Jersey's Beauty, See Page 72



General Collection of DECORATIVE DAHLIAS

The flowers are usually large, but full open faced, with long, flat petals. They habitually bloom with great freedom and the individual flowers make a gorgeous display in the field besides furnishing magnificent cut flowers. It is within this class that most of the recent first class novelties have been developed.

PRICE: The each price is stated after each variety. The dozen rate is 10 times the price of one.

Bonny Blue. The nearest approach to a regular blue yet produced. It is not washy, but a strong, dark, solid color; a little darker at the compact center. In form—perfect, full, round, short quilled, almost identified with the show type; profuse blooming, long stems and long keeping, it is all that can be desired for a reliable cut flower, in a unique shade of color.

Adaline Winter. A thrifty cutflower, vermilion carmine. 30 cts.

Carolyn Wintjen. Of extreme size, averaging 8 to 10 inches in diameter; salmon-pink shading to rose. A good cut flower with long, firm stems. 50 cts.

Dakota. (Decorative). One of Judge Marean's introductions, of fine, large exhibition type; deep coral red with coppery suffusion. 50 cts.

Delice. A warm tone of lilaceous pink overlaid on white, the full center shaded a deeper hue and each petal point just nicked with silver. 30 cts.

Doctor Tevis. A magnificent exhibition type, liberal and large sized. Soft salmon-rose suffused with old gold, shading to a center of golden apricot. 50 cts.

Easton. A very striking and enjoyable red variety of medium size, but full, even petalage, and free-blooming habit; bright turkey-red. 30 cts.

Elizabeth Slocombe. (Hybrid Cactus). A large, erectly held flower, of gracious form; the color graduating from rich, purplish red, to clear garnet at maturity. 75 cts.

Eventide. A valuable cut-flower type of large size and perfect form. Essentially white, with just a touch of tender rose flushing the margins of the petals. 30 cts.

Garland. Pure deep canary yellow in flat but full-petaled flowers of large size. A free bloomer, with substantial stems presenting their burdens face up. 30 cts.

Doctor Tevis

Bonny Blue

Glorlana. Pure old gold intensified by a reddish glow in the center. Extreme size of flower and length of leafless stem. A brilliant garden type as well as vase flower. 50 cts.

Glory of New Haven. (Decorative). Extra large, shapely flowers borne freely on long strong stems. A delicate shade of orchid pink. 75 cts.

Diamond Jubilee Anniversary SPECIAL OFFER

S. & H. DAHLIA COLLECTIONS

The "Vivid 5"

California Enchantress (C) —flesh pink	$1.00
Bonny Blue (D) — blue mauve	.50
"Gay Paree" (C) — red bronze	.75
Kalif (C)—turkey red	.50
Golden Eagle (C) — yellow gold	.50

TOTAL VALUE, $3.25

The set of **5** By mail for **$2.90**

The Diamond Dahlia Dozen

A. D. Livonia (S)—rose pink	$ .30
Autumn Glow (P. fl.)—yellow and red	.75
Countess of Lonsdale (C)—amber and tan	.30
Cigarette (C)—white, red-tipped	.50
Doctor Tevis (D)—salmon pink	.50
George Walters (C)—yellow apricot	.50
Kittie Dunlop (D)—carmine rose	.75
Mina Burgle (D)—deep scarlet	.30
Oregon Beauty (D)—oriental red	.30
Queen Mary (D)—apple blossom pink	.50
Snowball (S)—blush white	.30
Yellow Colosse (D)—clear primrose	.50

TOTAL VALUE, $5.50

The set of **12** By mail for **$4.85**

Other Diamond Jubilee Offers listed on page 90

DECORATIVE DAHLIAS—Contd.

Hortulanus Fiet. A "giant" decorative with an abundance of broad petals, the whole symmetrical flower averaging 8 inches across. Its exquisite color distribution beggars description; but is roughly a delicate shrimp pink pointed with gold and faintly clouded with red and yellow tones. 75 cts.

Judge A. B. Parker. A wonderful exhibition variety freely produced; golden buff with an overcast of fawn. 75 cts.

King of Commerce. Firm, substantial, perfect form, medium size, free-blooming, early and outlasting; a practical and popular cut-flower variety. Yellow, evenly tanned, with a red swarthiness at center. A favorite for lamplit bouquets. 75 cts.

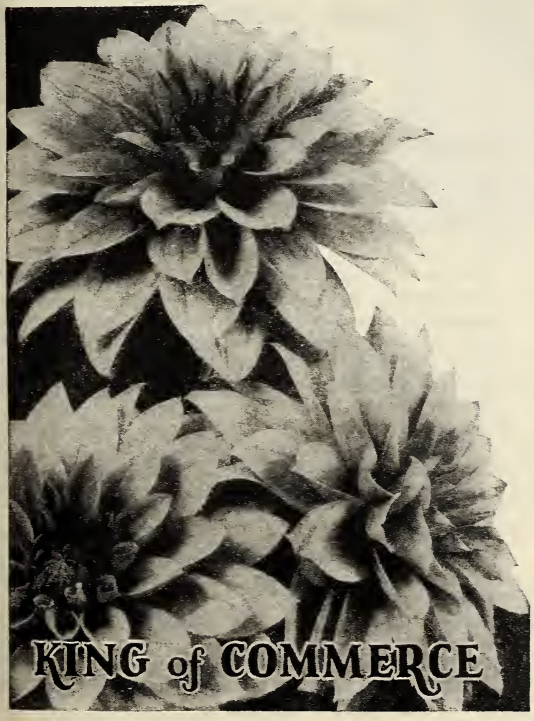
Kittie Dunlop. (Decorative.) A brilliant, shapely, continuous sort with excellent cutting stems; the large flowers a deep carmine-rose with a distinguishing but indescribable suffusion. This fine variety is by now sufficiently well known to have earned a decided popularity as a cut flower. 75 cts.

Mad. A. Lumier. Distinct and showy variegated sort, one of the freest bloomers; semi-double flowers of white, blotched with crimson toward the end of petals, extreme tips a rich violet red. 50 cts.

Millionaire. (Decorative.) One of the largest dahlias grown, a grand type for exhibition to your friends; delicate lavender pink. 50 cts.

Mina Burgle. Rich, luminous dark scarlet flowers of large size, strongly upheld; the petals evenly separated and gently recurved. Unusually free and continuous bloom. At one time considered the best dark red. 30 cts.

Mt. Shasta. Very large and deep flower with long slim petals rolled at points. A lovely daydawn pink slightly deeper in the shadows, and faintly gilded at center. 50 cts.



Mr. C. H. Dresselhuis. Medium sized, dainty flowers borne in great profusion on excellent cutting stems; a lovely shade of tender rose, with the tips noticeably whitened; a glorified Delice. 50 cts.

Mr. Crowley. A bright, glowing shade of salmon pink, base of petals yellow. A delightful color and fine flower. 50 cts.

Mrs. Carl Salbach. This variety has been accorded many honors throughout the country. Flowers immense, often 9 inches across, of a lively pink, suffused with white. 75 cts.

Mrs. J. G. Cassatt. **See Page 76**

DECORATIVE DAHLIAS—Contd.

Mrs. J. Gardner Cassatt. Compact, 4-inch flowers with tight center; allover bright mauve pink. One of the earliest varieties to bloom, continuing and retaining its perfect condition remarkably long. 50 cts.

Oregon Beauty. Profuse, giant, ball-shaped bloom; intense oriental red, suffused with garnet, a golden sheen over all. 30 cts.

Patrick O'Mara. The numerous flowers are large, perfect in form, well supported on long, stiff stems. Rich chrome yellow with salmon red suffusion. 50 cts.

Perryite. Good sized flowers on long cutting stems, in abundance; tan and yellow shades. 30 cts.

Princess Pat. Flowers of immense size and perfect shape with invariably firm center; a pleasing shade of old rose, enhanced by artificial light. 50 cts.

Queen Mary. Not large, but perfect, with full center and good stems; tender apple-blossom pink. 50 cts.

Romance. Vivid orange; an oriental touch in the carmine which is dusted, streaked and splashed over its entire surface. The flowers are large and carried upright on long stiff stems. 75 cts.

Shower of Gold. Petals rather narrow and sharp pointed, somewhat recurved. Brilliant yellow enriched by an apricot stain at center. 50 cts.

Thompson. Tall, dark foliage; black stems. Protruding, conspicuous bloom; large, full petaled, recurved; brilliant scarlet, darker toward center. 30 cts.

Yellow Colosse. Large; solid primrose yellow; one of the most dependable and satisfying yellow varieties in the decorative class. 50 cts.

California Beauty

CACTUS DAHLIAS

Characterized by long, narrow, pointed, tubular and twisted petals of graded lengths, giving the layered flowers a very striking and attractive appearance; various new hybrids introducing new phases.

Attraction. A greatly admired dahlia. Large flowers measuring 6 inches across are composed of wide, wavy, point-tipped petals which make a very graceful picture. Soft rosy lavender suffused with white. 50 cts.

Betty Austin. Of perfect form even to the end; very free and continuous, the long slim stems holding their burdens erect. Rich, rosy carmine, with rose reflex, yellow at base and tips; distinct and showy. 50 cts.

Golden Eagle—See page 77

California Beauty. Exceptionally free-blooming, and in every light a desirable cut flower. Its color is burnished copper, subdued by amber and warmed by a hint of coral in its shadowed depths. 75 cts.

Cigarette. Long rolled petals, mostly white with a solferino tip, proportions of the two colors varying capriciously. 50 cts.

Countess of Lonsdale. An old, but never-to-be-forgotten variety. Longest season and freest bloom of any type; flowers large, complete and ever perfect. Color an exquisite blending of amber and both red and pink salmon. 30 cts.

Etendard de Lyon. Beautiful flowers about 6 inches across, the broad fluted petals recurving to a 4 inch depth. The color is distinctly rich and lustrous, varying according to shadows, from carmine-rose to royal purple. 50 cts.

F. W. Fellowes. One of the best of that thin, long-petaled type so delightful in mixed bouquets, in color an intense coral red with deeper suffusion at center. 50 cts.

George Schofield. (English Cactus.) Medium sized flowers of exquisite form; long, thinly tubular, incurving, twisting petals. Color a delicate blending of apricot and yellow, reducing to white at the tips. 50 cts.

George Walters

George Walters. A tall-growing showy impressive sort that always seems to focus attention. Its very large, full but loosely constructed flowers are yellow overlaid with apricot and shrimp pink; shaded at center with stone red or carmine. 50 cts.

Gladys Sherwood. See description page 72. $1.00.

Golden Eagle. Tall growing, with long dark stems. Flower large, fine-petaled, full and deeply incurved; orange tan, with golden tips. 50 cts.

Hoffnung. Loose cactus type of varying fullness; Salmony old rose illuminated by a golden suffusion at center and tips. 30 cts.

Jean Chazot. (Or "Gay Paree.") (Hybrid Cactus.) Of the full, perfect, pointed formation; extreme productivity; and long season associated with Lonsdale, this new variety makes a sprightly, cheerful display of golden bronze tinged with nasturtium red. 75 cts.

A. D. Livonia

Kalif. Impressive, evenly disposed rays, broad at base with long, tubular quills; the center a compact tuft. Vivid turkey red. 50 cts.

Mrs. Henry R. Wirth. Of moderate growth but bushy with an early and continuous out-pouring of medium sized, perfect flowers; one of the brightest, a pure glossy cardinal. 50 cts.

Red Cross. Extremely robust in growth, holding its numerous immense flower heads upright, on long firm stems. The petals are formal but fluffy. The delightful color combination is old gold, flushed and capriciously streaked with a soft red. 50 cts.

"SHOW" DAHLIAS

This type is the most formal and perfect in shape, composed of short, stiff, numerous quills of varying character. They make excellent compact bouquets and usually outlast the other types when cut.

A. D. Livonia. Warm rose-pink, perfect flowers, with quilled petals which nearly overlap at the ends. 30 cts.

"SHOW" DAHLIAS—Contd.

Arabella. Primrose, tipped and shaded old-rose and lavender. A very energetic bloomer. 30 cts.

Chas. Lanier. Fair sized, very prolific; rich yellow slightly tinged with copper. 30 cts.

Delicatissima. The broad-mouthed quills are a luscious cream, gilded by shadows in the throat; the close center focusing a rosy pomegranate which flits sketchily over intervening tips, to a warm suffusion in the outer rows. Flowers average five inches; are substantial, tenaceous and plentiful. 50 cts.

Fire King. The short, rather flat petals are of the decorative type but so numerous and the entire flower so thick and compact, we assign it to the show class. The color is a sumptuous, velvety, ruby red; with a broad button center either darker, or rich with the effect of alternating bronze and garnet tips. 50 cts.

Grand Duke Alexis. (Giant.) Very large and full, with long, thick quills overlapping at the ends. White, slightly tinged and blotched lavender, especially at center. 30 cts.

Lucy Fawcett. (Fancy Show.) Large, full, heavy, with well-opened quills. Pale straw color, indefinitely dusted and splashed with tender rose to carmine; a persistent marking. 30 cts.

Maude Adams. An early and very free blooming sort, on the order of Susan, but larger and less globular. Very dainty; white, with a slight lavender suffusion inclined to focus at center. 30 cts.

Mrs. Wellesley. An old time favorite; creamy white, heavily tipped solferino and crimson. A charming bowl-bouquet subject, unmixed. 30 cts.

Snowball. Perfect ball shaped; color blush white; free blooming, a fine cut flower type. 30 cts.

Susan. Extraordinarily free-blooming; with large, shapely flowers, long-stemmed and lasting; a very attractive mingling of rose-pink and white. One of the best for cutting. 50 cts.

The set of 11 varieties for $3.50

Fire King

Mannheim

PEONY FLOWERED DAHLIAS

One of the new and interesting types

Tall growing, loose-petaled, large flowered and free blooming. One of their chief advantages over the other types lies in their big, fluffy, aggressive aspect, which makes them of great value for landscape use. All varieties are long stemmed and airily graceful. Very effective cut flowers; many having those soft, tender shades particularly lovely under artificial light.

Autumn Glow. Medium sized, semi-double profusely blooming on long stems. Brilliant canary-yellow surrounding an orange cushion, the outer two-thirds flaked and overlaid a velvety damask red. 75 cts.

Billionaire. One of the largest flowered in this class, given its name, no doubt, to express the richness and magnificence of its appearance. The color is deep golden orange. 75 cts.

Camille Frachon. A magnificent new French introduction, equally striking and beautiful whether in its prevailing Peony flowered type, or as a Duplex-Century, or frankly single. Tall and rugged, with an abundance of flowers averaging 6 to 7 inches. Intense, glistening aniline red, deepening to rich garnet, which forms a much-rayed halo around the yellow disc. 50 cts.

Mannheim. Four to five-inch, three-rowed flowers of the loose decorative type; cherry salmon suffused with rose, underside bright rose. The general effect of a row of nodding stems is sparkling; showing first salmon, then rose—as the wind blows. 50 cts.

U. S. A. A beautiful deep orange, very distinct in coloring. Flowers large, of excellent form and held erect so as to fully display their beauty. Free flowering; an early variety which continues blooming all season. 75 cts.

Single Dahlia Avalanche

SINGLE FLOWERED DAHLIA

Every collection should include this type of Dahlia

Avalanche. Extremely florescent; stems of any length; flowers about 3 inches. Frost white, except for a pink flush when first awakened; center prominent in deep gold. This positively single type makes a remarkably effective field display and furnishes dainty bouquets. 50 cts. each; $5.00 per dozen.

POMPON DAHLIAS

Medium to small size, of perfect show type, invariably with long, smooth stems. Especially good for small bouquets, sprays or dwarf beds.

Alewine. Blush pink, tinged with lilac.

Allie Mourey. Primrose, overlaid pink.

Bobby. Deep plum.

Catherine. Rich golden yellow; perfectly double.

Little Beauty. Miniature Livonias. Little round, fully quilled balls of pure pink; make up beautifully in any design requiring a small, dainty flower. 50 cts. each; $5.00 per doz.

Little Prince. Bold and striking; from richest crimson-maroon to varying striped combinations of crimson, scarlet and white.

Pure Love. Deep lilac, extra fine form and free.

Unless noted, 25 cts. each; $2.50 per dozen.

The set of 6 for $1.50; or 3 each for $1.00.

Pompon Dahlias

When summer flowers are spent, Dahlias are at their best

GLADIOLI

The Finest Flowers for Cutting

THIS CLASS of summer-flowering bulbs is doubly valuable for the field show of bloom, and for its cut-flowers. Gladiolus flowers last longer when cut than most any others, and open up best in water. Bulbs should be planted between April and May throughout the Northern States, followed by a second planting after two or three weeks for succession. Set bulbs 2 to 4 inches deep and 2 inches apart in the drills, single rows 12 inches, and double rows 18 inches apart. Beds do well planted 4 to 6 inches apart each way.

Orange Glory

E. J. Shaylor

6 sold at dozen rates. 100 rate by express; for mail, add 25 cts. per 100.

RUFFLED GLORY GLADS

A distinct and valuable class; embracing some of the very finest of recent novelties. Their characteristics not only emphasize large size and strong color markings, but particularly the beautiful ruffled or fluted petals which are their principal distinguishing features.

		Each	Doz.	Per 100
E. J. Shaylor.	A beautiful pure deep rose pink, recognized even in Europe by certificates of merit. Plant strong and flowers large	10c	$0.80	$6.00
Joe Coleman.	Beautifully ruffled, a strong grower, with many flowers open at a time. Vivid cardinal red, brightened by crimson and enriched with maroon	10c	1.00	7.00
Mrs. H. E. Bothin.	A striking contrastive type with a scarlet center flaming off through geranium pink, to a heavily ruffled edge	15c	1.30	9.00
Orange Glory.	Strong orange color, slightly weakening in the throat	20c	1.70	12.00
Purple Glory.	Largest of the class, deeply ruffled, darkly gleaming; maroon-red, its velvet richness heightened by almost black throat blotches. Stock is scarce	25c	2.50	18.00

RUFFLED GLORY COLLECTION

One each of the five Ruffled Glory "Glads" described on this Page, all noted for their large size, strong color markings and beautiful ruffled or fluted petals. The five for

70c

One dozen each, enough to provide continuous bloom for several weeks if planted a few at a time. The five dozen for

$6.55

S. & H. "OLD GLORY" MIXTURE

Of Large Flowered Gladioli

A deliberately planned assembly of new and standard varieties, calculated to maintain the reputation of this our own choice mixture.

A splendid assortment at special low prices. One dozen, by mail (postpaid)..... **60c**

$4.25 per 100 postpaid.

By express, 50 cts. per dozen; $4.00 per 100; $35.00 per 1000.

We recommend the "Old Glory" mixture as the finest offered to the public under a trade name

Halley

Peace See page 81

General Collection of
CHOICE NAMED GLADIOLI

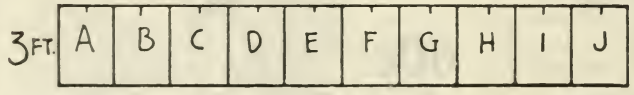
6 at dozen rate. Rate per 100 by express only. Add 25 cts. per 100 if ordered by mail.

	Each	Doz.	Per 100
America. Beautiful, soft flesh-pink, faintly tinged with lavender	$0.10	$0.70	$5.00
Anna Eberius. Dark velvety purple with deeper throat. A popular large flowering cutting variety	.10	1.00	7.00
Baron Hulot. Rich, deep indigo blue; a fine medium flower	.15	1.10	7.50
Bertrex. Slightly blushed white with rosalene purple blotch on lower petals; many open flowers at a time. Strong, straight spikes	.15	1.50	10.00
Chateau Thierry. Orange cerise with a red blotch bordered yellow on lower petals. Spike tall with wide-spread massive flowers	.15	1.10	7.50
Crimson Glow. Velvety crimson with deeper shading in the throat. Considered one of the best reds	.15	1.20	8.00
Early Sunrise. 4½ feet high—with full heads of mammoth flowers from 4 to 6 inches across. Color is bright flamy red with a faint orange coating. Very early	.15	1.50	10.00
Evelyn Kirtland. Tall and stately; rosy pink, darker at edges dimming to shell-pink at center; brilliant scarlet blotches on lowers	.10	.80	6.00
Flora. Clear canary yellow with no markings. Larger than Schwaben; early, and long stemmed	.15	1.30	9.00
Giant Nymph. La France pink with creamy yellow throat. A magnificent new variety of great size, perfect arrangement and long spike	.20	1.70	12.00
Golden Measure. Probably the best yellow glad., of full size and robust growth; the rich shade of unalloyed gold	.20	2.00	15.00
Gretchen Zang. Soft pink merging into scarlet on lower petals	.10	.80	6.00
Halley. Delicate salmon-pink, the lower petals showing a creamy blotch bisected by a red stripe. **One of the earliest** to bloom	.10	.70	5.00
Herada. Pure mauve, deeper shadings in throat and lower petals	.10	1.00	7.00
Le Marechal Foch. One of the earliest, contemporary with Halley; twice the size of America; a beautiful shade of pink	.10	.70	5.00
Lily White. An early cutflower; ivory with rich cream at center	.10	1.00	7.00

S. & H. DIAMOND JUBILEE "GLAD" COLLECTION

For Bed 20 feet long and 3 feet wide

25 EACH OF 10 CHOICE VARIETIES



A. America
B. War
C. Peace
D. Baron Hulot
E. Evelyn Kirtland
F. Mrs. F. King
G. Schwaben
H. Mrs. F. Pendleton
I. Gretchen Zang
J. Halley

VALUE $14.75
Special Jubilee Price
The 250 Bulbs By Express $12.50
By Mail $13.00
SAME BED 1½ FT. DEEP
1 Doz. Each Variety by Mail $7.00

America

Other Gladioli collections appear on page 79

Schwaben

Alice Tiplady (Primulinus)

War

NAMED GLADS—Cont.	Each	Doz.	Per 100
Louise. Orchid lavender with deeper blotch in the throat, a dainty combination well displayed	$0.15	$1.50	$10.00
Lustre. Tall; vermilion-crimson. Wide open, numerous flowers, one of the showiest solid reds	.20	1.70	12.00
Mary Fennel. A lovely garden type; deep grayish lavender, with lighter halo around the primrose yellow throat	.15	1.30	9.00
Mary Pickford. Creamy white, even down the stem, the throat a soft sulphur yellow	.15	1.20	8.00
Mrs. Dr. Norton. Immense flower, creamy white overlaid or tinted soft pink, end of petals showing a charming picotee of deeper pink	.15	1.30	9.00
Mrs. Francis King. A fine strong growing variety with large spikes of bright, pure scarlet flowers	.10	.70	5.00
Mrs. Frank Pendleton. Large and well expanded, of a lovely flushed salmon-pink, with blood-red blotches in the throat	.10	.80	6.00
Panama. A new America, more deeply pink and a trifle larger	.10	.80	6.00
Peace. A robust grower reaching 5 feet in height, with a correspondingly long flower spike; pure white with faint lilac markings	.10	.70	5.00
Pink Perfection. Dainty, large flowers of apple blossom pink	.20	2.00	15.00
Romance. Damask and old rose, condensing richly toward margin, sharply edged burnt purple; the lower throat a streaky pattern of crimson on buff	.20	2.00	15.00

NAMED GLADS—Cont.	Each	Doz.	Per 100
Rose Ash. (Ashes of Roses). A beautiful blend of old rose, gray, pink and red. Unique and altogether delightful	$0.15	$1.50	$10.00
Schwaben. Pure canary yellow shaded sulphur, the golden yellow throat slightly blotched dull carmine. Tall, strong, well set.	.10	.80	6.00
Virginia. (Scarlet Princeps.) A beautiful soft raspberry red, clearing up to begonia red in the throat. A charming self color	.10	1.00	7.00
War. Flowers extremely large, plentiful, best of the late reds	.15	1.10	7.50
Wilbrink. Very early light pink, popular for forcing	.10	.80	6.00

PRIMULINUS HYBRIDS

A modern type of early bloom, small flowers, and prevalent orange, tan or yellow shades. Very popular for early cut-flowers.

	Each	Doz.	Per 100
Alice Tiplady. Orange saffron; flowers unusually large for the class, and beautifully ruffled	$0.10	$0.80	$6.00
Maidenblush. A charming shade of light pink, on well-filled erect spikes; a favorite florists kind for its beauty and abundant bloom	.10	.70	5.00
Souvenir. In size comparable to the large flowered class, its color a deeper yellow than any of them	.15	1.20	8.00

The set of three, 6 each, for $1.20.

Plant Gladioli a few weeks apart and have continuous bloom over a long period

An Immense Stock of Decorative HOUSE PLANTS *and* TENDER VINES *for Indoors*

PLANTS give to the home a charm that nothing else can give. Color of foliage and flower is a living color, completely lacking in any other form of decoration. Then, too, there are plants of every form from which to choose—foliage plants, ferns, graceful vines or brilliantly colored flowers, such as the Azaleas and Begonias. We have probably the largest stock in the country of some varieties, specially selected and graded for our Anniversary Sale.

We guarantee safe arrival at destination of all pot plants.

PRICES: **All prices listed are for delivery by mail, postage prepaid, unless otherwise noted. Express shipments are not prepaid.**

ALLAMANDA

Hendersoni. A choice greenhouse plant with magnificent flower-bells 3 to 4 inches in diameter; the richest, purest, waxiest yellow imaginable, and sweetly fragrant. This fragrance is entirely distinct, and unforgetable. Plant is strong growing, with a decided climbing tendency which makes it valuable for training on conservatory pillars and interior trellises.
30 cts. each.

ANTHERICUM

Vitatum Variegatum. A showy decorative plant for the house or in summer window box or vase, growing in attractiveness as its bulk increases. The foliage is handsome, bright green, evenly striped and margined white.
20 cts. each; $2.00 per dozen.

Goldianum. A new variety of above, equally large and thrifty but more compact in habit. The major part of the arching leaf is a strong white gold, the margins moss green with occasional broken thin stripes of brighter green.
25 cts. each; $2.50 per dozen.
4-inch pot plants—50 cts. each; $5.00 per dozen.

ARAUCARIA

Excelsa. (Norfolk Island Pine.) The most beautiful of all the tender evergreens; admirably adapted to house decoration. Deep green feathery foliage arranged in whorls, rising one above the other at regular distances. Has been practically off the market for several years, but it is now coming back with a rush. Must be sent by express.
5-inch pots, 10 to 12 inches high, $3.50 each.

Anthericum Goldianum

ASPARAGUS

Brilliant green foliage indoor trailing plants used for bracketed pots, window boxes and hanging baskets.

Plumosus Nanus. The lace-like texture of its foliage outclasses Maiden Hair Fern for grace and daintiness; the long emerald sprays making a rich setting for cut flowers of all descriptions.

Sprengeri. Mostly used for hanging baskets where its long dense trails make a gleaming mass of green.
20 cts. each; $2.00 per dozen.
4-inch pot plants—35 cts.; $3.50 per dozen.

ASPIDISTRA

Lurida. An easily grown decorative house plant. Thrives indoors where few other plants would succeed.
6-inch pots, $2.50.

AUCUBA

Japonica Punctata. (Gold Dust Plant.) A fine bold plant, especially attractive as large specimens, useful and graceful as palms for hall decoration and a splendid subject for the summer veranda. Leaves are broad; rich shiny green thickly spotted with gold.
3-in. pots, 6 to 8 in. high—35 cts. each; $3.50 dozen.
By express: 4-in. pots, 8 to 10 in. high—60 cts. each; $6.00 dozen.

NEW JAPANESE KURUME AZALEAS

Splendid substitutes for the Azalea Indica of pre-war days, providing excellent and welcome flowering pot plants for winter house decoration.

Christmas Cheer. Flowers semi-double; a cheerful, brilliant "Christmas"-red.

Daphne. Single flowers of silvery white, stained at the edge of petals with delicate mauve.

Pink Pearl. Extra large and full trusses, semi-double; a warm salmon-carmine, lighter at center.

Snow. Pure white.

3-in. pots—50 cts.

Jubilee Specials Page 90

75 Years of S. & H. Quality

We guarantee safe delivery of all Pot Plants; but notify us promptly if damaged.

FLOWERING BEGONIAS

Few families of house plants are so entirely satisfactory in every way as the Begonias. They are rich in color and beautiful in design, and all classes are easily handled under any condition.

Alba Picta Rosea. Strong growing variety with long green leaves, spotted silver; flowers bright rose color.

Argentea Guttata. Purple bronze leaves, oblong in shape, with silvery markings; white flowers.

Corallina Lucerna. A splendid upright, vigorous grower, with long leaves of spotted olive green, a bright wine-red beneath. Enormous trusses of perfect coral red flowers make this variety one of the showiest and most desirable kinds in cultivation. 30 cts.; 3 for 75 cts.

Otto Hacker. In a class by itself. A strong vigorous grower, of fine upright habit, with large shining deep green leaves eight to ten inches long. Flowers bright coral red, borne in immense clusters eight to ten inches across. 30 cts.; 3 for 75 cts.

Rubra. The flowers are a rich coral red hanging in large pendent clusters. One of the best.

Thurstoni. Under side of leaves is rich, purplish red, veinings prominent, upper side bronzy green, shaded with crimson and olive, peculiar glossy metallic luster over all. Flowers rosy white in large clusters. 30 cts.; 3 for 75 cts.

Unless noted, 20 cts.; 3 for 50 cts.; 8 our choice, $1.20.

REX BEGONIAS

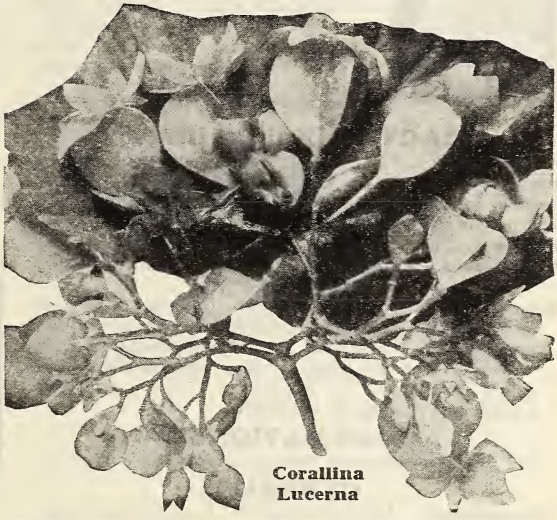
The broad leaves, high colorings and exquisite markings of Rex Begonias makes them invaluable as decorative house plants and for baskets and vases, if given plenty of moisture and not exposed to the full rays of the sun.

Mixed varieties—30 cts. each; 3 for 75 cts.

BOUGAINVILLEA

Bright festoons, wonderfully effective along the walls in conservatories and sun rooms; or when trained on compact wire trellis forms, in tubs or large crocks.

Argentea Guttata



Corallina Lucerna

Crimson Lake. This is one of the most notable vining plant introductions of years. Its numerous clustered, crinkly, paper-like bells in their emerald setting, are an incomparably brilliant crimson-lake color.
2½-inch pot plants—40 cts. each.

Glabra Sanderiana. Large bell-shaped flowers of lilac-rose borne profusely in terminal clusters all over the plant; blooms when quite small.
2½-inch pots—30 cts. each; $3.00 per dozen; 4-inch pots—75 cts. each; 5-inch pots—$1.25 each.

Ziechmanni. A decided improvement by sporting from **Glabra Sanderiana;** the perfect clusters slightly smaller but more numerous, the glossy foliage also smaller, but closer set along the vines. The color is distinct, with startling brilliancy; a beautiful translucent orchid purple.
2½-in. pots—35 cts.; $3.50 per dozen. 4-in. pots—85 cts. each; 5-in. pots—$1.50.

Bedding Begonias are listed on Page 68

BOUVARDIA

A charming shrubby greenhouse plant fruitful with cut sprays for fall and winter bouquets. Plant out in the garden for summer, pinching back to induce a branchier growth. Repot before frosts and bring inside for all-winter blooming.

Rosea. Large clusters of long-tubed flowers, the four-petaled tips extended nearly an inch in width; color bright coral pink.
2¼-inch pots, 25 cts.; $2.50 per dozen.

BUDDLEIA [Butterfly Bush]

Asiatica. A desirable winter-blooming greenhouse shrub which fills the air with fragrance and produces a vast amount of bloom during the season; white, in slender, compact racemes 3 to 6 inches long.
25 cts. each; 3 for 60 cts.

Farquhari. A hardy type of rather dwarf, compact growth; with numerous medium sized lilac-purple flower spikes.
25 cts.; $2.50 per dozen.

Magnifica. The hardiest for all sections when used outdoors as a permanent shrub. Flower spikes 10 inches in length by 3 in diameter are not unusual. Color, deep violet-rose with a pronounced orange center.
25 cts.; $2.50 per dozen.

CACTUS [Epiphyllium]

Exceedingly ornamental flowering house plants, the tendency being to produce its large bloom in pendant clusters mostly from the top. These are own-root stock, sturdier and less subject to injury than the top-worked line we used to handle.

Truncatum. An early flowering crimson scarlet variety with long drooping flowers.

Rushi. An improved form, more branches with more upright tendency and more blooms as well as increased petalage. The color is rosy red tinged salmon. A striking, colorful house plant of long continued blooming season.

3-inch pot plants, 50 cts. each.

CARNATIONS

See list under Summer Bedding Plants, page 63.

CYPERUS

Alternifollus. (Umbrella Plant.) A semi-aquatic plant in water or damp soil; throwing up stems 2 to 3 feet high, surmounted at the top with a whorl of slender drooping leaves. The flowers are small, cream-colored, in terminal clusters.
20 cts. each; $2.00 per dozen.

DRACENA

Considered among the best of decorative foliage plants, and are largely used for conservatory and house adornment. They should be given a light fibrous soil with good drainage, liberal watering with frequent showers; and to insure the greatest development of color, let them have all the sunshine available.

Fragrans. Plentiful, broad foliage of one color; lustrous, dark green. The plants are especially hardy and trustworthy for general house decoration.
3-inch pot plants, 75 cts. each; 4-inch pot plants, $1.00 each; 5-inch pot plants, $1.50 each.

Indivisa. Numerous slender, grass-like green leaves, the favorite center plant for box, vase and basket planting.
2½-inch, 20 cts.; 4-inch, 50 cts. By express, 5-inch, $1.00.

Dracena Indivisa

Massangeana. Broad green leaves, striped with varying shades of yellow. 4-inch pots, $1.00 each.

Sanderiana. An upright, stocky variety with alternating lanceolate leaves of dark green, striped creamy white.
35 cts.

Terminalis. Leaves rather long and pointed, deep bronze, coloring richly to crimson, marked with pink and green and occasionally streaked with white. Although like all self-coloring foliage, this variety has its dull aspects, sunshine, warmth and the evolutions of its normal seasons produce a wonderful brilliancy.
3-inch pots, 75 cts. each; 4-inch pots, $1.50.

S. & H. DUSTY MILLER

An erect, tall-growing, branching type displaying a network of skeleton leaves, silver white at all times. A splendid unit in box or basket for contrast, and as a single pot plant, besides its effectiveness in the summer border. We do not yet know its derivation or botanical name, but do know it is the best upright "Dusty Miller" we ever saw and so identify it with our own name. Try it.
2½-inch pots, 20 cts. each; $2.00 per dozen.

EUONYMUS

Not hardy enough for permanent out-door use, but valuable in pots for decoration.

Japonica Aurea. ("Golden Leaf"). Foliage round and large. In the leaves the dominant note of color is golden yellow, an unusual effect among hard foliage plants.
2½-inch pot plants, 25 cts. each.
3 -inch pot plants, 40 cts. each.

VINES for GROWING INDOORS

Anthericum	Vinca Major (variegated)
Ipomea (Moon Flower)	Pothos Aureus
English Ivy	Passiflora (Passion Flower)
Parlor Ivy	Asparagus Sprengerii
Madeira Vine	Weeping Lantana
Manettia Vine	Saxifraga Sarmentosa
Bougainvillea	Vitis Rhombifolia
Trailing Coleus	Wandering Jew
Fittonia	

See Vines for Window Boxes and Special Offer. Page 89

FERNS

No foliage plant that grows presents so many varied charms, or is so practical for all general house, table, floral or window decorations as the Fern. Most varieties love the sun, and thrive to best advantage if located near the sunniest window, occasionally turned, and given a dutiful attention to watering.

NEPHROLEPIS

Boston. (S. & H. Semi-Dwarf.) A new improvement on the Boston Fern. It has the characteristics of that type of fern, but the fronds have more substance, their arrangement is more compact and their development less hurried with consequent greater stability. The heavy foliage is held gracefully upward instead of weakly drooping to the floor. Fully matured fronds attain a length of 3 to 4 feet.
2½-inch pots, 20 cts.; $2.00 per dozen. 4-inch pots, 60 cts. each; 5-inch pots, $1.25 each; 6-inch pots, $2.00 each. By express, 8-inch pots, $3.50 each.

Verona. A handsome new variety with fine "Ostrich Plume" foliage, but with a stiff mid rib, which makes the fronds stand up better than most varieties of the lace-ferns.
2½-inch pots, 25 cts.; 4-inch pots, 75 cts. each. 5-inch pots, $1.50.

MISCELLANEOUS FERNS

Adiantum Cuneatum. The well-known Maiden Hair Fern, indispensable in the making up of floral pieces and winter bouquets; as showy and useful for pot specimens after attaining sufficient size, as the various varieties of Nephrolepis.
2½-inch pots, 25 cts.

Cibotium Schiedei. (Gold Fern.) Broad-based tripinnate leaves of airy construction, making very attractive plants at any age. Their particular charm lies in the bright golden green of its color, which brings out daintily every graceful line of formation. Strong plants from 4-inch pots, $1.75.

Selaginella Emiliana. (Moss Fern.) A good associate with Asparagus or Maiden Hair for table and house decorating in larger sized pots. Very dwarf and compact, its dense, tiny leaves forming a moss-like carpet. 20 cts. each; 3 for 50 cts.

Selaginella Denticulata. A low-growing, drooping variety, forming a ball of bright green.
20 cts. each; 3 for 50 cts.

FERN DISH COLLECTION

We are growing a varied assortment of small odd-shaped ferns which make up delightfully together in jardiniers and fancy table boxes. We will mail 6 plants of these charming little ferns, each distinct in color and form, our choice of varieties, for..... **85c**

S. & H. Semi-Dwarf Boston

Adiantum (Maiden Hair Fern)

Verona

Porch boxes planted with Ferns are ideal for summer months.

Ficus Elastica

FICUS [Rubber Plants]

Elastica. (India Rubber Tree.) This is the old reliable thick leaved, substantial house plant which has ever patiently served its purpose, under abuse and neglect; its dark green, shiny foliage always handsome.
4-in. pots, 10 to 12 inches high, $1.00 each. By express, 5-in. pots, 20 inches high, $1.25 each.

FITTONIA

Argyroneura. Trailing plant with variegated green and white foliage. Fine for winter window boxes and baskets. 2½-inch pots, 25 cts.

FUCHSIAS

Highly prized for winter blooming, also popular for summer beds in partially shaded situations, and make excellent color-spots in porch boxes and baskets.

Avalanche. Golden green foliage and large double flowers with dark purple corolla.

Black Prince. Well expanded single flowers of carmine-lake; color of calyx and corolla nearly uniform.

Giant Pink. Characteristically similar to Mrs. Hill, but with more petalage, and with the deep pink of the calyx heavily veining the corolla. 25 cts.; $2.50 per dozen.

Little Beauty. Dwarf growing. A most free-blooming variety, seldom without flowers. Sepals carmine, corolla deep lilac.
Single. 25 cts. each; $2.50 per dozen.

Mrs. E. G. Hill. Sepals bright crimson with large pure white corolla. Perfectly double and very free.

Speciosa. A thrifty grower with ornamental foliage; the green leaves showing red veins at the base. Flowers single with pale carmine sepals and deep scarlet corolla.
Unless noted, 20 cts. each; $2.00 per dozen.

GENISTA [Improved]

Round, dense foliaged. Flowers are very small, pea shaped, borne in close racemes. When in full bloom the entire plant is a solid ball of the brightest yellow, emitting a delicious lemon fragrance. Very popular for Easter decorations and will continue in bloom about 4 weeks.
3-inch pot plants, 40 cts. each; 4-inch pots, 60 cts. By express, 5-in. pot plants, $1.00 each.

GERANIUMS

Geraniums are being crowded out of their erstwhile prominence as main beds for the lawn, but can never be supplanted in box or basket, cemetery or public grounds.
Double flowered unless * noted. **From 2½ inch pots.**

Alphonse Ricard. Bright orange red.

***Beauty Poitevine.** Rosy salmon, nicely shaded and tinted from deep orange to pure salmon.

Bertha de Pressily. Absolutely the only double pure delicate pink Geranium that does not fade.

***Fiat.** A strong featured, new, semi-double, salmon-pink. Its perfect flower trusses make wonderful pot specimens at Easter and Memorial day, and are extremely free and constant in summer beds. The salmon is deep and velvety, the final pink of satin finish.
25 cts.; $2.50 per dozen.

Jean Oberle. An exquisite shade of hydrangea-pink, fading to white at the outer edges; florets and truss extremely large. Does not burn.
20 cts.; $2.00 per dozen.

Ivy Leaved. Glossy, brittle, ivy-shaped, more or less, recumbent foliage, with beautiful red flowers. 25 cts. each.

La Favorite. Very large trusses; snow-white.

Mme. Barney. A splendid bedding variety; extremely large, double flowers of brilliant rose.

Mad. Landry. Semi-double; rich salmon shaded orange, edge of petals a brighter shade.

Mme. Sallerol. Fancy variegated foliage—small, light green edged white. The thrifty plants very popular for dwarf edging.
20 cts.; $2.00 per dozen. By express, $15.00 per 100.

***Mrs. E. G. Hill.** Large, single flowers; bright salmon, with a light shading at center.

Radio Red. A new double red, pure vermilion scarlet. Its clear brilliancy, displayed in thick clusters of large florets, is thrilling and satisfactory. Does not burn or bleach.
25 cts.; $2.50 per dozen.

S. A. Nutt. Always dependable for a constant blaze of crimson from May until snowfall.

Scented Leaved. Popular skeleton leaf types, strongly scented. **Rose Scented** and **Lemon Scented.**
Unless noted, 15 cts. each; $1.50 per dozen.

AFTER MAY 1ST

From **4-inch pots** separate colors—**Red, Pink** and **Salmon. 30 cts. each. By express—$3.00 per dozen.**

Radio Red

Geraniums are the stand-by for Cemetery Bedding

HYDRANGEAS—*Decorative and Colorful*

HYDRANGEA HORTENSIS

Not hardy in the Northern states, and should be brought into the house before freezing fall weather. A cool, light cellar location is preferable with occasional watering, but keep them dormant even if a cooler temperature is found necessary. Early in Spring bring up and apply water liberally. When in full bloom, keep slightly shaded to lengthen the blooming period. A soil composition of turfy loam and one-third rotted cow manure is best for potting.

Otaska. The old favorite used in pots at Easter time, and for lawn decoration in summer.
20 cts.; 4-inch pot plants, 50 cts. each; 5-inch pot plants, 75 cts. each.

Domotoi. A recently introduced double flowered form of Otaska. Each floret is markedly double, breaking up the usual smooth surface of the truss with delightful convolutions and the beautifying play of lights and shadows.
2½-inch pots, 25 cts.; $2.50 per dozen. 4-inch pots, 75 cts.

FRENCH and GERMAN HYDRANGEAS

These plants will be practically dormant when shipped, but as soon as the new leaves begin to break, they will require as much sunlight as possible, plenty of water, and must not be allowed to dry out. They will bloom luxuriantly for about 6 weeks in early spring.

Gen. de Vifraye. Bright rose.

La Marne. Latest and largest bloom; a great tub plant for Decoration Day; rosy carmine.
25 cts. each; $2.50 per dozen.

Lieut. Chaure. Good sized light pink. Is proving very successful as a practical forcing variety.

Lilie Mouillere. Beautiful carmine rose. 25 cts. each.

Mlle. Renee Gaillard. Beautifully fringed petals in full panicles of milk white enriched by occasional tints of cream.

Mme. Philippe de Vilmorin. A new, choice variety. Very large, fringed; very showy carmine red.
35 cts.; $3.50 per dozen.

Mousseline. Mauve rose with creamy center.

Parcival. Blood red; highest colored of the new German introductions.
35 cts.; $3.50 per dozen.

Trophee. Vigorous growth, great freedom of bloom. This is the darkest carmine red among the older varieties.

ABOVE, UNLESS NOTED, 2½-inch pot plants, by mail, 25 cts. each; $2.50 per dozen. 5-inch pot plants, by express, in good assortment, $1.00 each.

ENGLISH IVY

One of the very few good climbing plants for the house. Foliage is rich, waxy green with prominent lighter veins, and is very attractive when trained against harmonious paper or woodwork. Many people use the vines that have trailed from pots during the winter, to decorate and veil their summer porch boxes.
4-inch pots, 35 cts. each; $3.50 per dozen. 2½-inch pots, 25 cts.; $2.50 per dozen.

IPOMEA GRANDIFLORA

MOON FLOWER

A popular rapid climber. Satiny white flowers, 5 to 6 inches in diameter, borne abundantly throughout a long season, opening at sundown, emitting a rich Jessamine odor at night, and closing about noon next day.
20 cts. each; $2.00 per dozen.

MANETTIA VINE

Completely filled at all times with small tubular flowers of brilliant scarlet, with yellow tips. Especially desirable for baskets, vases or small trellises, and much in use simply as pot plants on account of their fiery bloom.
20 cts. each; $2.00 per dozen.

Our Special Jubilee Offers—Page 90—are a Feature of S. & H. 75th Anniversary Celebration

TEMLEY'S *"Watch-em-Grow"* **PLANT FOOD**
Best Fertilizer for House Plants
8 oz. can 50c. See page 110.

Well developed Hydrangeas in tubs are wonderful porch decorations

Kentia Palm

PALMS

Water the soil not oftener than three times, nor less than once a week. These varieties offered can best stand the hard usage to which house plants are normally subjected. Height given means from top of pot.

Kentia Forsteriana. Gracefully arching stems of steely strength despite their slenderness, each crowned with a fan-like canopy of richest green. Taller than Balmoreana, with broader, heavier leaves: 2½ inch pots, 25 cts.; 3 inch pots, 10 inches high, 50 cts.

By Express—Special sizes: Made-up, bushy plants.

	Each
7 inch Tubs—30 to 32 inches high	$ 7.00
8 inch Tubs—38 to 42 inches high	12.00
10 inch Tubs—50 to 54 inches high	20.00

Cocos Weddeliana. A dainty, thread-leaved little palm showing a vast dissimilarity to the stately Kentias. It rarely exceeds 10 to 12 inches in height and is useful as the center piece to a table jardinier, or fern dish of any kind.

2½ inch pots, 40 cts. each; $1.00 for 3.

PANDANUS VEITCHI

Graceful curved foliage, light green striped with broad bands of pure white. An attractive decorative plant that stands ordinary house culture well and is always fresh and bright.

Large plants by express: 4 inch pots, $1.00; 5 inch pots, $1.50.

PASSIFLORA

Piordii (Passion Flower). Light blue flowers suffused with rose. The finest variety for planting outdoors in summer. 2½ inch pots, 25 cts.

PARLOR IVY

Senecio Mikanioides. Used with striking effect to decorate interior walls, hanging baskets and urns. The foliage is a pretty, light bronze green with five to seven points; occasional yellow flowers in terminal clusters. 15 cts.; $1.50 per dozen.

DOUBLE PETUNIA

Double Rosy Morn.

Double Rosy Morn Petunia

A brand new type of pot and box plant, of rapid, bushy growth requiring frequent repotting into larger containers. The bloom is profuse and fairly continuous, uniquely prominent during the winter months. As compactly double as other double types, remarkably like a Carnation at quick glance. The color is the warm cerise pink of "Rosy Morn," darkened of course by the shadows of its double petalage.

2½ inch pots, 25 cts. each; $2.50 per dozen.

Other Double and Single Petunias on page 67.

POTHOS

Aureus. Large heart-shaped leaf with golden blotch. A fine climbing house plant.

2½ inch pots, 25 cts.; 4 inch pots, 50 cts.

Sansevieria Zeylanica—See page 89

Other Double Petunias on Page 67. Single Bedding Petunias on Page 67

PLUMBAGO

Shrubby plants which make good house specimens in pots or tubs, usually put out in the garden for summer rejuvenation and bloom. Being tough and thrifty, with care they may last several years and become bushy specimens of considerable size.

Capensis. Free blooming in loose umbels, florets phlox-like with long slender tubes; sky blue.
20 cts. each; $2.00 per dozen.
Heavy specimens: 6-inch pots, $1.50. By express.

SANSEVIERIA

Zeylanica. An ideal decorative plant for rough filling in, or for tub use on the floor. It will stand more hardship and abuse than any other house plant of which we know Leaves thick and of leathery texture, not affected by gas, dust or heat. Grows to a length of 3 to 4 feet. Each upright, wavy leaf arising from the roots is beautifully striped crosswise of leaves with broad, jagged white variegation on a dark, green ground.
2½-inch pot, 35 cts. each; 3-inch pots, 50 cts.

Laurenti. A striking novelty form of Zeylanica, the variegation being a rich cream color instead of white, with the addition of a wide cream border around each leaf.
3-inch pots, 2 leaves, 50 cts. each; 4-inch pots, 3 leaves, $1.50 each; specimen plants, $2.50 each.

SAXIFRAGA

Sarmentosa. (Strawberry Geranium). Well known in many sections as a choice box and basket plant. The main plant throws a cluster of wide, round leaves, green heavily veined white, the under surface strongly red. The early summer flowers are small in slender spikes, the white petals spotted yellow and red. Then the plant throws out runners like strawberry plants, which droop gracefully to increasing length, each streamer heavily clothed with rosettes of foliage.
35 cts.; $3.50 per dozen.

Saxifraga

STROBILANTHUS DYERIANUS

An excellent bedding plant as well as a beautiful foliage plant for pot culture. It forms a compact bush 18 inches high, with leaves 6 to 9 inches long; of a beautiful metallic purple, shading into light rose, with a light green margin, a combination unapproached by any other plant. The flowers are violet blue, borne in immense racemes.
25 cts.; $2.50 per dozen.

SWAINSONIA

Galegifolia Alba. A very popular everblooming house plant, blooming in sprays of 10 to 20 flowers shaped much like Sweet Peas. Its pure white flowers are used much in cut flower work
2¼-inch pots, 35 cts. each; 90 cts. for 3.

MAIL ORDER BARGAINS in choice bedding plants, hardy plants, etc., on Page 62. Take advantage of our surplus stock offering at practically half price.

THYRSACANTHUS RUTILANS

(Fountain Plant)

A greenhouse plant of easy growth, and when in bloom a graceful shaped and vivid colored specimen for table decoration. Its short, tubular shaped flowers are a brilliant coppery carmine, borne profusely in pendent, close-set braids, 12 to 16 inches in length. This plant still enjoys an unabated popularity.
25 cts. each; 3 for 60c.

"Fountain Plant"

TRADESCANTIA [Wandering Jew]

Beautiful trailing vines with thick, waxy, lance-shaped, brilliantly striped foliage; very useful in baskets and porch boxes.

Striata. Bright green, striped creamy yellow, with grayish green reverse.

Cyanotis Multicolor. Striped maroon and greenish white.

2¼-inch pots, 20 cts. each; $2.00 per dozen.

VINCA

Major Variegata. More of this used for baskets and vases than there is of any other two basket plants. Beautiful variegated green and white foliage; strong trailing habit of growth; the bright blue Myrtle flowers contrasting prettily against the creamy white pattern in the leaves.
15 cts.; $1.50 per dozen.
By express, 4-inch pots, 35 cts.; $3.50 per dozen.

VITIS

Rhombifolia—A handsome type of ornamental grape vine, similar to Ampelopsis, which grows rapidly and luxuriantly as a trailing plant for box and basket.
2½-inch pots, 25 cts.; $2.50 per dozen.

PLANTS FOR WINDOW BOXES,

Vases and Hanging Baskets

Anthericum Vine	English Ivy
Abutilon	Ferns
Asparagus Sprengeri	Geraniums
Begonias	Lantanas
Browalia Speciosa	Petunias
Caladiums, Fancy Lf.	Saxifraga
Coleus	Vinca Major Var.
Daisies	Verbenas
Dracena Indivisa	Wandering Jew

WINDOW BOX SPECIAL

Material for a box 30 x 10 x 10—this will make a full, tight fit.

FRONT VINES—3 English Ivy	3	inch pot
2 Vinca Major Variegata	4	inch pot
2 Asparagus Sprengeri	4	inch pot
BACK ROW—1 Fuchsia	4	inch pot
2 Geraniums	4	inch pot
2 Coleus	2½	inch pot
2 Browalia	2½	inch pot
FILLERS—6 Petunias (Single)	2½	inch pot
2 Dusty Miller	2½	inch pot

Value $4.75

By Mail for $4.10

Sansevieria is the National Historical Assyrian Leopard Plant

SPECIAL JUBILEE OFFERS
The greatest values in 75 years

Special Seed Offerings

VEGETABLES for WINTER

After your '29 garden is but a memory, go down cellar and dig out these garnered garden products—still fresh and delectable. Of course, you must first plant the seed this spring, and early.

Parsnip — Sugar Pumpkin
Salsify — Table Queen Squash
Turnip—Purple Top White Globe

These five items—in full 10 ct. pkts.—by mail for..... **35c**

POPCORN and PEANUTS

For Winter Evenings.

Grow Your Own!

½ lb. Australian Hulless Popcorn...20c
1 lb. Valencia Peanuts.....40c

Special postpaid price..... **50c**

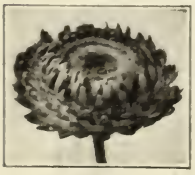
EVERLASTING FLOWERS

For Garden Bloom and Winter Dried Bouquets—Seed Collection

Globe Amaranth (Gomphrena). Charming, round, little clover-like blossoms in white, pink and bronzy yellow. Mixed.....10c

Rhodanthe. A wealth of late summer bloom on slender stems, in white, pinks and red. Mixed.....10c

Sea Pinks (Statice Sinuata). Large clusters of small bottle-brush flowers on slender stems. Shades of blues, rose and yellow. Should be dried off in a cool and shady place. Mixed.....10c

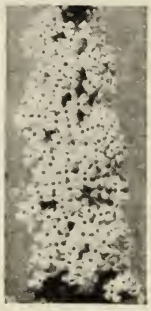


Strawflower

Strawflowers (Helichrysum). See page 101. Our choice mixture of distinct colors.....10c

Honesty (Lunaria). See page 101. A biennial; take care of it for **next year's** superb crop of silver money flowers.....10c

One packet each, postpaid for..... **40c**



Butterfly Bush

CALL THE BUTTERFLIES!

Shrub Offer

Butterfly Bushes do it. The silken wings of butterflies in rainbow hues are ever fluttering among these lovely summer flowers.

2 Buddleia Farquhari.....$1.00
1 Buddleia Magnifica..... .50

The three 2-yr. bushes by mail for..... **$1.25**

"CONTINUITY" SHRUB GROUP

Colorful Bloom—in succession, May to November.
Attractive Foliage—all different types.
Associating Heights—for single row 20 to 30 ft.

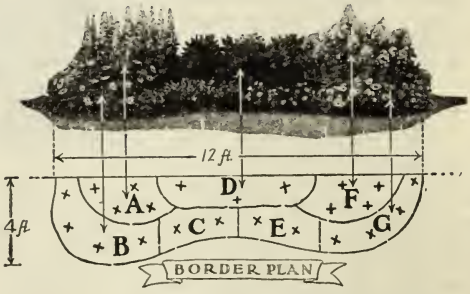
8 Shrubs, all 2 to 3 ft.

Forsythia Intermedia	$0.50
Spirea Van Houtte	.50
Variegated Weigela	.65
Weigela Eva Rathke	.70
Viburnum Tomentosum	.90
Philadelphus Romeo	.80
Althea (Rose of Sharon)	.60
Desmodium	.60
Catalog Price	$5.25

$4.55 Our Jubilee Special, by express.

PERENNIAL BED OFFER

12 Foot Border of Hardy Flowers



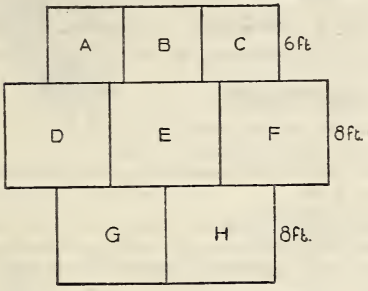
Enough to plant a border 4 feet wide and 12 feet long. Plant at edge of lawn or in front of shrubbery.

Key	No.		Catalog Price
A	4	Hollyhocks	$0.70
B	4	Shasta Daisies	.85
C	3	Coreopsis	.55
D	3	Phlox	.55
E	4	Platycodon Mariesi	.85
F	4	Foxgloves	.85
G	4	Gaillardia	.70
		Regular catalog price	$5.05

Jubilee Special, by mail, for **$4.00**

SHRUBS, PLANTS and SEEDS
quality & dependability, at low price

LAWN GROUP
of Fancy Small Trees

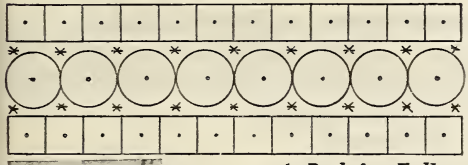


A	Flowering Almond	2 to 3 feet	$0.85
B	Magnolia Glauca	2 to 3 feet	3.00
C	Prunus Triloba	2 to 3 feet	.80
D	Cornus Fla. Rubra	2 to 3 feet	3.75
E	Bechtel's Flowering Crab	4 to 5 feet	1.75
F	Paul's Scarlet Thorn	3 to 4 feet	2.00
G	Rose Acacia	3 to 4 feet	2.00
H	Rosebud Cherry	1 year	4.00

Catalog price $18.15

$16.50 Special Jubilee Price, for the group by freight or express.

COMBINATION BED OFFER
"The Colors" — *Red, White and Blue*



Tritoma Pfitzeri

A Bed for Fall

We have tested this in our Show Park. It is a great success —and beautiful.

Red
Tritoma Pfitzeri
24 ..... $5.50

White
Tuberose, Pearl
18 ..... $1.10

Blue
Salvia Pitcheri
8 ..... $1.85

Value, $8.45 for the 50 plants.

Special Jubilee Price, by mail **$6.75**

Hardy German Iris
"TANGLED FLAGS"

Six Kinds—Six Colors
Serving the Garden Beautiful

Alcazar—dark blue
Her Majesty—pink
Jeanne d'Arc—white
Lohengrin—orchid
Lord Roseberry—bronze
Sherwin-Wright—yellow

One Each (Value $1.75) By mail for **$1.20**

Three Each (Value $4.45) By mail for **$3.45**

Show Dahlia

The DAHLIA BOWL
A Jubilee Bouquet

Fill it next Fall with these two lovely Dahlias.

Delicatissima—cream and pomegranate

Mrs. Wellesley—white and solferino

THREE OF EACH (Value $2.00).
The six plants by mail for **$1.70**

Fruit Tree Collections
S & H Co. CHERRY SPECIAL

Selected Sours for three Seasons.
Selected Sweets in two colors.
5 trees—all No. 1 size.

Early Richmond	$0.90
Large Montmorency	.90
English Morello	.90
Lambert	1.00
Napoleon	1.00

Catalog price $4.70

$3.95 Our Jubilee Price, by Express.

The LITTLE HOME ORCHARD

Small Space—Little Cost—Big Results
All trees 4 to 5 ft.

1 Dwarf Apple	$0.90
1 Dwarf Pear	.85
1 Sour Cherry	.90
1 Peach	.50
1 Plum	.60

Catalog price $3.75

Our Jubilee Price for the 5 trees, by Express **$2.95**

Special Diamond Jubilee Bargains — Our big feature

SEED DEPARTMENT

75 Years of Seed Growing Experience

SUPERIOR FLOWER SEED

BEST OF THE OLD — PICK OF THE NEW

Ageratum

FLOWERS are enjoyed by everyone and are so easily raised from seeds that any home can have an abundance of blossoms during the entire year. Those we offer in the following pages are the products of the best American and English growers. No better strains are to be obtained at any price. Clear and complete directions for sowing are printed on each packet.

Flowers are usually known as **Annuals, Biennials** and **Perennials.**

Annuals bloom and ripen seed the first year and then perish.

Biennials do not generally bloom the first year and are in perfection the second year only.

***Perennials** flower several years in succession, many blooming the first year from seed sown early, and are used for permanent plantings.

Hardy Perennials and **Biennials** may be sown either in early Fall or Spring and require no protection through the Winter. **Hardy Annuals** may be sown either in late Fall or Spring.

Half Hardy Annuals, Biennials and **Perennials** cannot be sown in open ground until warm weather; they may, if desired, be started early inside and transplanted afterwards. The latter two need protection in Winter or may be carried through in cold frames or greenhouses.

Marks. Flowers for cutting we have designated with this character (☉). Hardy Perennials are marked with an asterisk (*). The tender flowering vines are collected into one page; see page 112.

A tabulated list of Perennials and Hardy Biennials may be found on page 97.

PRICES: **Seeds ordered in packets are delivered by mail, postpaid, at prices named.**

AGERATUM

Little fluffy, bristly balls of color in sizeable clusters, liberally supplied from early summer until autumn. Being low and compact, they are mainly utilized for edgings or narrow borders. Half hardy annual.

Blue Perfection. Deep amethyst-blue flowers in large clusters. Very even in growth, about 12 inches high. Pkt., 10 cts.

Tom Thumb. 6-inch. Bright blue. Pkt., 10 cts.

ALYSSUM

Hardy annual. White, sweet scented edging and basket plants. For borders, sow thickly; for winter bloom sow in August and transplant to pots.

Little Gem. Makes a perfect "carpet of snow" not over 4 inches in height, commencing to bloom in spring when very small, and continuing without interruption until late fall.
Pkt., 10 cts.; ¼ oz., 25 cts.

Sweet Alyssum. Not over 6 inches high on account of its trailing habit; very sweetly fragrant.
Pkt., 10 cts.; ¼ oz., 15 cts.; oz., 35 cts.

AMARANTHUS

Tricolor. (Joseph's Coat.) Beautiful foliage plant, growing 3 to 5 feet high, with ornamental leaves variegated in red, yellow and green. They should be grown in warm sunny situations and given plenty of room to develop. Pkt., 10 cts.

ANCHUSA DROPMORE *

Grows bushily to 4 or 5 feet with broad, rough foliage. Breaks out all over with showy clusters of deep gentian blue, in spring an almost solid mass of color, with intermittent flashes throughout the summer.
Pkt., 10 cts.

ANEMONE CORONARIA ☉

A delightful poppy-like type belonging to the early and late fall. Its bloom is solitary, but numerous, large, on slender stems, ideal for vase bouquets. Perennial, blooming the first year if sown early and shaded until plants appear. **Mixed colors.** Pkt., 10 cts.

Sweet Alyssum

Anemone

ARCTOTIS ⊙ [African Daisy]

Grandis. 2 to 3 feet high. A useful and charming cut flower from June till after hard frosts; lasting a week or two in water, undeveloped buds opening up perfectly if kept in the sun. The daisy flowers are glistening white on the uptilting face, variegated by the partially visible under surface of pale lilac-blue. Pkt., 10 cts.

African Daisy

Anchusa Dropmore, Page 92

ANTIRRHINUM ⊙ [Snapdragon]

Snapdragons are among the most popular bedding plants; the richness and diversity of their colors, their great freedom and protracted blooming season giving them great value for garden color masses, as well as for cutting. They have dark glossy leaves; and pea-shaped flowers with uniquely marked throats, set densely in long, upright racemes. They bloom in July from seed sown outdoors in early May; but for earlier bloom, seed should be started indoors during March. Succeed best in dry loamy soil.

ANTIRRHINUM MAXIMUM

New Race of Snapdragons—3 feet.

This large flowering group of Snapdragons far surpasses all other varieties we have yet offered. They are tall growing and the flowers are of magnificent size, closely placed on the spikes. **Finest Mixed.** Pkt., 15 cts.

Giant Snapdragon

TALL SNAPDRAGONS

(Majus Grandiflorum). About 2 feet.

Crimson King. Rich crimson. Pkt., 10 cts.
Delicata. Dainty rose with white throat. Pkt., 10 cts.
Fire King. Orange scarlet, white tube. Pkt., 10 cts.
Garnet. Deepest of the red shades. Pkt., 10 cts.
Golden King. Lustrous golden yellow. Pkt., 10 cts.
Harmony. Rosy orange-terra cotta. Pkt., 10 cts.
Queen Victoria. Pure white; very firm. Pkt., 10 cts.
Rose. A pretty rose pink shade. Pkt., 10 cts.
Rose Carmine. Very bright and showy. Pkt., 10 cts.
Scarlet. Brilliant solid red. Pkt., 10 cts.
Majus Grandiflorum Mixed. All kinds together. Pkt., 10 cts.; ⅛ oz., 25 cts.

HALF-DWARF SNAPDRAGONS

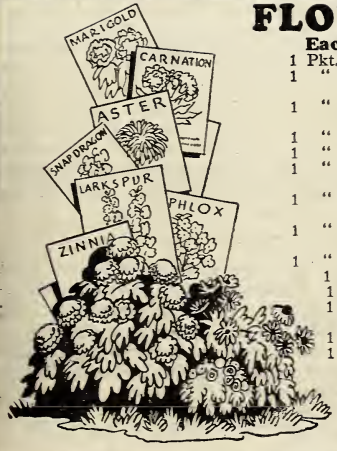
Nanum Medium Mixed. Of stocky growth with magnificently colored, very large spikes of flowers. Far superior to tall varieties for bedding as they are more compact, and have fully as large flowers. (All colors). Pkt., 10 cts.; ⅛ oz., 25 cts.

Annuals Good for Edging Purposes

Ageratum
Alyssum, Sweet
Baby's Breath
Calliopsis (Choose dwarf variety)
Candytuft
Celosia (Choose dwarf variety)
Lobelia
Marigold (Dwarf French and Signata Pumila)
Nasturtiums (Dwarf)
Pansy
Petunia
Phlox, Annual
Portulaca
Snapdragon (Dwarf)
Verbena

75th Anniversary Diamond Jubilee — SPECIAL OFFER

FLOWER SEED COLLECTION



Each One a Bouquet Flower

1	Pkt.	Aster, Giant Comet Mixed	$0.10
1	"	Bachelor Button, Double Mixed	.10
1	"	Carnation Marguerite, Mixed	.10
1	"	Calliopsis, Fine Mixed	.10
1	"	Didiscus Coeruleus	.10
1	"	Larkspur, Giant Hyacinth Flowered Mixed	.10
1	"	Marigold, Tall Double African Mixed	.10
1	"	Pinks, Double Choice Mixed	.10
1	"	Phlox Drummondi, Mixed	.10
1	Pkt.	Salpiglossis, Mixed	.10
1	"	Scabiosa, Mixed	.10
1	"	Snapdragon, Tall Mixed	.10
1	"	Baby's Breath	.10
1	"	Zinnia, Giant Double Mixed	.10
		Value	$1.40

Fourteen Full Size Ten-Cent Packets

ONLY $1.00 Postpaid

Selected for their Free Blooming Qualities and General Superiority

See page 110 for S. & H. "Color Riot" Wild Garden Seed Mixture

S. & H. ASTERS©

ASTERS are among the most popular and easily grown of all our annuals. By making a sowing of each of the various sorts, a continuance of flowers may be had from early Summer until frost. For early flowers, sow the seed in house or greenhouse during March or April and transplant to the open ground in May. For later flowers which are the finest, sow thinly in the open ground early in May, transplanting as soon as plants are large enough. Half hardy annuals.

Early. First bloom in July.

Queen of the Market. Earliest of all the Asters, flowers characteristically perfect in form. Grow about 12 inches high and very branching; the flowers on long stems valuable for cutting.
Mixed. Pkt., 10 cts.; ⅛ oz., 25 cts.

"Lady Roosevelt." One of the finest of recent introduction; perfect in shape and Comet type; color a magnificent rose-pink; long strong stems and for cutting has no superior. Our seed comes from selected stock and is of first quality. Pkt., 10 cts.; ⅛ oz., 30 cts.

Extra Early Express (Comet). These extra early Asters, of the well known Comet type, are the largest early Asters grown. Well developed flowers range from 3½ to 4 inches across, very free of yellow centers and borne upon stems of good length. Plants reach a height of about 18 inches.
Carmine Rose. Pkt., 10 cts.; ⅛ oz., 30 cts.
Dark Blue. Pkt., 10 cts.; ⅛ oz., 30 cts.
Lavender. Pkt., 10 cts.; ⅛ oz., 30 cts.
Rose. Pkt., 10 cts.; ⅛ oz., 30 cts.
White. Pkt., 10 cts.; ⅛ oz., 30 cts.
Mixed. Pkt., 10 cts.; ⅛ oz., 30 cts.

The New California Giant Asters

Extra Early Express Asters

"Lavender Gem." A true lavender, borne on long stems, very early, and an ideal cutting variety.
Pkt., 10 cts.; ⅛ oz., 25 cts.

Mid-Season Asters. Commencing to bloom in August.

Giant Comet. A type well known and appreciated for its striking resemblance to the Japanese Chrysanthemums; flowers large, twisted, curled and crested. 1½ feet.

Giant Comet Mixed. Pkt., 10 cts., ⅛ oz., 25 cts.

California Giants. A new derived type with giant 5 to 6 inch flowers expressing the popular Crego or Ostrich Feather style, coupled with the more robust habit and greater length of stem characterizing the Beauty class. This welding of types benefits its value for cutting, enabling their extreme size and perfection to be used in vase and floral work where the ordinary stems would not give sufficient support. Separate colors: **Light Blue, Deep Rose, Light Purple, Dark Purple, Peachblossom** and **White.**
Each: Pkt., 15 cts.
Mixed, Pkt., 15 cts.; ⅛ oz., 50 cts.

Mikado. This shaggy group is derived from the Comet type with distinct arrangement of narrow petals which are very long and gracefully reflexed, outer ones showing to full extent; while those in center bend and curl across each other so as to give the entire flower a fluffy appearance. Of gigantic size, often spreading to 6 inches.
Mikado Mixed. Pkt., 10 cts.; ⅛ oz., 25 cts.

King Type. This type is quite distinct owing to the very double petalage, which is characteristically quilled, at times almost needle-like. They are strong and sturdy, averaging 18 inches in height; with an abundance of large, perfect flowers for three months.

Finest Mixed Kings. Pkt., 10 cts.; ⅛ oz., 30 cts.

"Sensation." This is a new variety, genuinely red. In shadow, its color tone is deep garnet, or ox-blood red; but sunshine brings out the life and brilliancy of fire. Its flowers average about 3½ inches across, borne very freely throughout August and September on 12 inch stems. The plants are quite branchy, about 18 inches high.

Pkt., 10 cts.; ⅛ oz., 30 cts.

Crego. This section produces the largest flowers of the Comet type; very full and fluffy, around 5 inches in diameter. When cut, this group outlasts all others of the type. **Crego Crimson, Crego White, Crego Shell Pink, Crego Lavender, Crego Purple. Each,** Pkt., 10 cts.; any 3 pkts. for 25 cts.

Crego Mixed. (All colors.) Pkt., 10 cts.; ⅛ oz., 25 cts.

Late Asters. In prime from September on.

"Crimson Giant." This new late variety is very brilliant in beds or borders, revealing all the good qualities of the Branching type, although itself of upright growth 15 to 18 inches high. Its flowers are densely double, very large (seldom under 5 inches), aglow with the richness and brightness of blood-crimson.

Pkt., 10 cts.; 3 pkts. for 25 cts.

"Heart of France." This new late Aster opens red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The flowers are large and full, with never a trace of hollow center, larger than any other dark sort. The plants are of branching type and very robust habit, 24 inches high. The stems are long and strong and have very few laterals. The plants begin to bloom quite early, open fully with the mid-season varieties, but reach their supreme glory in September.

Late Branching Asters

Pkt., 10 cts.; 3 pkts. for 25 cts.

The King Type

Late Branching. A useful class for bedding, the strong, branching plants 2 to 2½ feet high. The flowers are very large and double (5 inches wide), with long, strong stems, making splendid cut-flowers.

Branching Light Pink. **Branching Lavender.**
Branching Dark Red. **Branching Purple.**
Branching Scarlet. **Branching White.**

Each: Pkt., 10 cts.; 3 pkts. for 25c; ⅛ oz., 30 cts.

Late Branching Mixed. Pkt., 10 cts.; ⅛ oz., 25 cts.

Ostrich Feather Mixed. Immense flowers of loose petals, blooming in August. Very attractive. When used for cutting, allow flowers to develop in water after picking when half expanded.

Pkt., 10 cts.; ⅛ oz., 25 cts.

Royal Mixed. An early flowering form of the late Branching. A superb Aster blooming in late July or early August. Very desirable for beds or borders, and their long stems make them good for cutting also.

Pkt., 10 cts.; ⅛ oz., 25 cts.

Late Beauty Mixed. Plants about 2 to 3 feet high of branching habit. Starts blooming in September and lasts until frost. Flowers large, borne on long and stout stems from 18 to 24 inches long.

Pkt., 10 cts.; ⅛ oz., 35 cts.

Chinese Single Mixed. These large, brilliant Daisy-like flowers with yellow centers are exceedingly showy for vase decorations. Very free flowering. 2 feet.

Pkt., 10 cts.; ⅛ oz., 25 cts.

WONDER ASTER COLLECTION 35c

One Packet each of the following varieties.

QUEEN OF THE MARKET MIXED. Earliest of all the Asters, flowers characteristically perfect in form. Grow about 12 inches high and very branching; the flowers on long stems valuable for cutting. 1 pkt., 10 cts.

EXTRA EARLY EXPRESS MIXED. These extra early Asters, of the well known Comet type, are the largest early Asters grown. Well developed flowers range from 3½ to 4 inches across very free of yellow centers and borne upon stems of good length. Plants reach a height of about 18 inches. 1 pkt., 10 cts.

THE ROYAL MIXED. A new class of American Aster. Its habit of growth is entirely distinct, the stems growing directly from the ground and not on side shoots from the main stem like other varieties. Medium early bloomer. 1 pkt., 10 cts.

GIANT OSTRICH FEATHER MIXED. The finest type of the Giant Comet, or Ostrich Feather type of Aster. Much larger than the Giant Comet, the petals longer, more twisted, and produced in greater abundance. Borne on long stems, they make cut-flowers par excellence. 1 pkt., 10 cts.

CHINESE SINGLE ASTERS MIXED. These large, brilliant Daisy-like flowers with yellow centers are exceedingly showy for vase decorations. Very free flowering. 2 ft. 1 pkt., 10 cts.

1 Pkt. each all for

35c

Postpaid

Royal Aster

Ball's Orange Calendula

Columbine

Calliopsis Golden Wave

AQUILEGIA ⊙*

The general appearance of **"Columbines"** with their deep cut, round-lobed foliage and nodding flower stems, expressing so many lovely shades of color, is graceful, airy and distinctive, typical of spring time. They are used liberally in low borders to offset any appearance of formality; and provide an unfailing succession of cut flowers, well into summer. Hardy perennial.

Chrysantha. Heavily spurred yellow flowers ranging from clear canary to deep yellow. Pkt., 10 cts.

Cerulea. Sepals blue, petals white, a dainty effect. Pkt., 10 cts.

Long Spurred Hybrids. A choice mixture of long spurred varieties in various colors, shades of blue are predominant. Pkt., 15 cts.

Mixed Double. Bulky double flowers; best colors. Pkt., 10 cts.

BACHELORS BUTTON ⊙

Pretty 2 foot border plants, and reliable cut-flowers. Hardy annual.

Single Mixed. Pkt., 10 cts.; ¼ oz., 25 cts.

Double Blue. Pkt., 10 cts.; ¼ oz., 35 cts.

Double Mixed. Pkt., 10 cts.; ¼ oz., 25 cts.

BALLOON VINE [See Vines, Page 112.]

BALSAM Giant Double Camellia Flowered

Tender annuals, thriving in hot weather, if planted in good soil and well watered. Should be set about 18 inches apart. If wanted early, sow indoors and transplant. This has a tendency to dwarf the plants, making them more satisfactory.

The large, double, gaudily colored flowers are set like Hollyhocks along the 2-foot stems, with slender leaves protruding. Colors, pink, white and scarlet. Mixed. Pkt., 10 cts.; ¼ oz., 25 cts.

Balsam

CALENDULA ⊙

Hardy annuals; 1 foot. A wonderful profusion of flowers ranging from ivory to orange. Valuable for bed and borders. Bloom until late fall.

Ball's Florists' Strain. A new but well proven strain specially adapted to forcing; the flowers unusually large and double, of uniformly rich, dark orange color; with extra long, firm cutting stems. Pkt., 10 cts.; ¼ oz., 30 cts.

Orange King. Bright orange-red, with dark eye. Very double, often 3 inches across. Pkt., 10 cts.; ¼ oz., 20 cts.

Choicest Mixed. All colors. Pkt., 10 cts.; ¼ oz., 20 cts.

OUR GUARANTEE OF GENUINENESS

We exercise great diligence and care to have all of our seeds true to name, and hold ourselves in readiness, on proper proof, to replace free of charge all seed that may prove untrue to name, or refund the amount paid. It is, however, mutually understood and agreed to between the purchaser and ourselves, that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for the seeds that proved untrue.

(Signed) The Storrs & Harrison Co.

CALLIOPSIS OR COREOPSIS ⊙

Sow where they are to remain, and thin to 1 foot apart.

Golden Wave. Bright golden flowers, 2 inches across, each distinctly marked with dark brown center. Hardy annual. Pkt., 10 cts.

Finest Mixed. (Red, orange, etc.) Hardy annual. Pkt., 10 cts.

***Lanceolata Grandiflora.** Beautiful hardy perennial; 15 to 18 inches; producing its golden yellow flowers in great profusion. Pkt., 10 cts.

CARDINAL CLIMBER [See Vines, Page 112]

CAMPANULA ⊙ [Bell Flower]

Well known perennials with bell-shaped flowers of varying size and type, which add wonderfully to the charm of summer gardens. Seed sown in the open in early April will develop sturdy little plants prepared to bloom in great profusion throughout the summer of next year. Transplant in October and give winter protection.

Carpatica. (**Carpathian Harebell.**) Fine for edging; 6 inches high. Thimble size bells borne very freely and continuously. Mixed blue and white. Pkt., 10 cts.

Medium. (**Canterbury Bells.**) Long stemmed and large flowered, of deep pitcher shape. Colors range from blue and rose to white, in mixture.

—**Single Medium Mixed.** Pkt., 10 cts.

—**Double Medium Mixed.** Pkt., 10 cts.

Calycanthema. (**Cup and Saucer.**) Practically the same as the type, except this form is provided with an extra large calyx which gives a distinct impression of a cup and saucer.

—**Cup and Saucer Blue.** Deep, solid shade.

—**Cup and Saucer Rose.** Bright.

—**Cup and Saucer White.** Waxy white.

—**Cup and Saucer Mixed.** All shades.

Each above, Pkt., 10 cts.

CANARY BIRD FLOWER [See Vines, Page 112]

"Cup and Saucer" Canterbury Bell

Candytuft

CANDYTUFT ⊙ [Iberis]

Wonderfully effective for white massing, but long a favorite cut flower as well. Most blooms are sweetly fragrant. Hardy annual, about one foot.

Giant Hyacinth Flowered. The results of persistent painstaking selection from Empress; unquestionably the largest and best formed of the white varieties. Pkt., 10 cts.; ¼ oz., 25 cts.

Empress or Snow Queen. A complete mass of large snow white flowers. Pkt., 10 cts.; oz., 30 cts.

Crimson. A fine large flower. Pkt., 10 cts.

Lavender. True lavender, very fine. Pkt., 10 cts.

Fine Mixed. Pkt., 10 cts.; oz., 25 cts.

Perennial. (*Iberis Sempervirens.) Hardy evergreen; pure white. Comes into bloom early in the Spring and is a favorite rock plant. Pkt., 15 cts.

24-Hour Service on All Seed Orders

HARDY PERENNIALS* *and* BIENNIALS *from* SEED

	Pkt.
***Anchusa Dropmore**	$0.10
Anemone Coronaria (Mixed)	.10
***Aquilegia** (Columbine) Mixed Double	.10
***Aquilegia Chrysantha** (Canary yellow)	.10
***Aquilegia Cerulea** (Blue and white)	.10
***Aquilegia,** Long Spurred Hybrids	.15
Campanula Media (Canterbury Bell). Double Mixed	.10
Campanula Media (Canterbury Bell). Single Mixed	.10
Campanula Carpatica. Mixed	.10
Campanula Calycanthema (Cup and Saucer), Mixed	.10
Campanula Calycanthema. Blue, Rose, White, each	.10
***Candytuft,** Iberis Sempervirens	.15
***Coreopsis.** Lanceolata Grandiflora	.10
Daisy. Double Red. Double White. Each	.10
Daisy. Double Mixed (choice)	.10
***Daisy, Shasta.** Large, single, white flowers	.10
Digitalis. (Foxglove) Mixed	.10
***Forget-me-not** (Myosotis)	.10
***Gaillardia.** Grandiflora	.10
***Geum.** Mrs. Bradshaw	.15
Gypsophila. *Paniculata	.10
***Hibiscus.** (Mallow). Mixed	.10
***Hollyhock.** New Mammoth Fringed (Mixed)	.10
***Hollyhock.** Double Maroon, Pink, Red. Each	.10
***Hollyhock.** Double White, Yellow. Each	.10
***Hollyhock.** Double Newport Pink	.10
***Hollyhock.** Double Lilac Beauty	.10
***Hollyhock.** Double Mixed.	.10
Honesty (Lunaria). Mixed.	.10
***Lychnis Chalcedonica**	.10
Pentstemon. New large flowered mixed	.10
***Perennial Pea.** Mixed	.10
***Platycodon** (Balloon Flower). Mixed Blue and White	.10
***Poppy. Iceland.** Mixed (small)	.10
***Poppy. Bracteatum.** Crimson	.10
***Poppy. Oriental.** Orange scarlet	.10
***Poppy. Large Flowered Mixed**	.10
***Pyrethrum Roseum Hybridum.** Single	.10
***Pyrethrum Roseum Hybridum.** Double	.25
***Stokesia Cyanea** (Lavender Blue)	.10
***Sweet William.** Mixed Double	.10
***Sweet William.** Mixed Single	.10
***Wallflower** (Cheiranthus). Double Mixed	.15

Canterbury Bell

Perennials are desirable but Annuals are the mainstay for all-summer bloom

"Sweet Sultan" (Centaurea)

Single Annual Mums

"Dusty Miller" (Centaurea)

CARNATION ⊙

Carnations have ever been highly regarded for their spicy scent, bright colors and generally charming appearance. Useful in summer garden and winter greenhouse as well.

Start seed under glass and transplant when sufficiently large. Half-hardy perennial. 1½ feet.

Extra Choice Double Mixed. A large portion of this seed will produce double flowers. Pkt., 25 cts.

Double Mixed. All shades and colors. Pkt., 15 cts.

Marguerite. With ordinary care this double, fluted, highly scented type will be in full bloom in 4 months after sowing the seed, flowering in profusion until checked by frost. Protection ordinarily insures their permanency, and early spring bloom. The colors range through many shades. **Mixed.**
Pkt., 10 cts.; ⅛ oz., 25 cts.

CELOSIA (Cockscomb)

Free and continuous blooming annuals of great value for injecting brilliancy of color into beds or borders. Content with light soil not too rich. Cut blooms may be dried for winter decoration. Conservatory pot plants. If started inside, transplant them in May, or sow in the open at that time.

CRISTATA NANA (Dwarf Cockscomb)

Glasgow Prize. Immense, compact combs of richest crimson often a foot in extent, crowning plants 8 to 10 inches high. Pkt., 10 cts.

Choice Mixed. Various shades. Pkt., 10 cts.

PLUMOSA (Feathered Cockscomb)

This "Ostrich Feather" type grows from 2 to 5 feet high very showy with their large, dense, and continuing upright plumes. Very effective in garden sections; as fresh cut flowers, and dried, or potted.

Ostrich Feather Tall Mixed. Pkt., 10 cts.

Castle Gould. A distinct type, particularly well adapted to use as pot plants, being literally clothed from base to summit with immense feathery heads of bloom. 2 to 3 feet high. The colors embrace blood red, carmine yellow, golden orange, scarlet, wine red. **Mixed.** Pkt., 10 cts.

Chinese Wool Flower

Chinese Wool Flower.

This recent novelty is the most curious of all Celosias. Globular flowers, like balls of bright red wool, bloom in July and continue until cut down by frost; do not fade, but increase in size and brilliancy. Height 2 to 3 feet. Pkt., 10 cts.

CENTAUREA

Gymnocarpa. A useful foliage plant known as "Dusty Miller." Grows to 1½ feet; deeply indented fernlike foliage so dusted with silver as to be almost white. Half-hardy perennial.
Pkt., 10 cts.; ⅛ oz., 25 cts.

Imperialis. ⊙ —(Giant Sweet Sultan.) Bushes are covered with large, fluffily ball-shaped, sweet-scented flowers. Will keep a week or over in water, if cut when just about to open. Hardy annual, 2 feet.
All Colors Mixed. Pkt., 10 cts.

CHRYSANTHEMUM ⊙

Annual Double and Single Mixed. Beautiful double and single types together in a wide range of colors, blooming gorgeously all summer. The single kinds are prettily called "painted daisies." Pkt., 10 cts.

CINERARIA

Hybrida Grandiflora. (Large flowered.) Choice house or conservatory plants for early spring decoration. Grow from 12 to 18 inches high, are completely covered with flowers, 2 and 3 inches across, of white, blue, violet, and crimson shades. Seed may be sown from May to September for succession. Greenhouse perennial. **Mixed.** Pkt., 25 cts.

Maritima. Another "Dusty Miller," denser than the Centaurea type; one of the showiest silver or white-leaved foliage plants for bedding, ribbon beds and margins. In rich soil they will reach 2 feet in height.
Pkt., 10 cts.; ¼ oz., 25 cts.

CLARKIA ELEGANS ⊙

This pretty, easily grown annual is a popular garden and cut-flower plant, showy in borders, hanging baskets or vases; not particular as to location, 2 feet.

The bloom is double, abundant, in small leafy racemes, and opens well in water when cut.

Double Mixed. Pkt., 10 cts.

SPECIAL JUBILEE OFFERS PAGE 90

"Dusty Miller" is suitable and popular for edging beds of annuals

COSMOS ⊙

These delightful, fall blooming plants are seldom lacking in our gardens. Their growth is much branched and bushy up to 5 or even 6 feet, the fine-cut, lacy foliage being decidedly ornamental from the very first. Special soil preparation is not necessary and the early flowering kinds may be sown where they are to stay; but the later types should be started inside, preferably potted to procure a confined root-ball, and transplanted to not less than 18 inches interval only after danger of frosts is over. It is well to pinch back the tops at about 2 feet, to induce more branches. The flowers are conspicuously large and well distributed, brightly colored, and very welcome for both garden show and bouquets at a time when bloom is scarce.

Giant Fancy Cosmos

MAMMOTH EARLY FLOWERING

Flowers fully equal in size to the Giant Fancy class, blooming abundantly in August. Develops quicker, although not so tall. **Mixed.** Pkt., 10 cts.; ¼ oz., 20 cts.

GIANT FANCY COSMOS

Called "Giant" because their flowers were so much larger and more perfect than the old line of Cosmos, which they have since entirely replaced. On account of their late bloom, it is best to sow their seeds inside to get an early start; then by transplanting after the late spring frosts, Northern gardens may be rewarded for a considerable period before the first frosts of autumn. **Mixed.** Pkt., 10 cts.; ¼ oz., 25 cts.

Crested Cosmos

NEW DOUBLE-CRESTED COSMOS

This beautiful type is something entirely different from other Cosmos. The flowers are double-crested, having double centers with a row of petals around the base. Flowers are borne on strong stiff stems, fine for use as a cut flower.

Crimson King. Richly deep crimson shade.
Pink Beauty. Very delicate pink.
White Queen. Pure white, outer petals fringed. Exceedingly pretty.
Crested Mixed. The color shades not separated.
Price: Each, Pkt., 10 cts.; 3 pkts. for 25 cts.

COBEA SCANDENS {See Vines, Page 112}

COLEUS—Choicest New Hybrids

A beautiful class of popular decorative foliage plants with such diversity of pattern and rich coloring, their growing is a matter of absorbing interest and pleasure. For bedding or pot culture. **Mixed.** Pkt., 20 cts.

CYCLAMEN

Bulbous-rooted plants, with beautiful foliage and richly colored, fragrant flowers. Tender perennials.

Persicum Giganteum. Six inches high; large pea-like solitary flowers in abundance. **Mixed.** Pkt., 35 cts.

DAHLIA ⊙

Half hardy perennial; 2 to 4 feet. Popular late summer and autumn flowering plants. The double type will bloom first season if sown by April 1st; but sowing the Singles may be deferred as late as June.

Double Mixed. Finest double flowers, including the new, large flowered varieties. Pkt., 20 cts.

Single Giant Perfection. The flowers are large; many are marbled and striped. Mixed colors. Pkt., 10 cts.

ENGLISH DAISY {Bellis Perennis}

A favorite dwarf perennial, the 6-inch plant providing a vast amount of short stemmed bloom through the spring and summer. Extensively used as edging plants, and usually carry over if winter mulched. Sow seed early in hot-bed or house and transplant to a rich, cool, partially shaded situation.

Monstrosa Red. Giant flowered red. Pkt., 10 cts.
Monstrosa White. Very large flowered. Pkt., 10 cts.
Maxima Double Mixed. Various shades. Pkt., 10 cts.

English Daisies

SHASTA DAISY ⊙

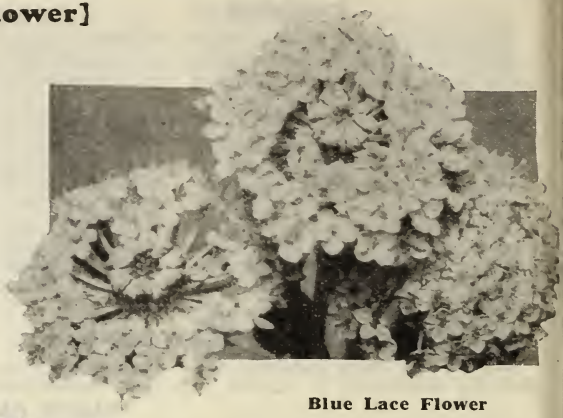
The pure white flowers with yellow centers are 3 to 4 inches in diameter, with waxy petals mostly broad and flat. They bloom the entire season and furnish an unfailing supply of cut flowers, besides being a conspicuous and popular white border plant. Hardy perennial; 1½ to 2 feet. Pkt., 10 cts.

DATURA (Angels Trumpet)

Showy, large branching plants, growing 2 to 3 feet high, bearing creamy white, trumpet-shaped flowers 6 inches in length, with a wide bell. They make a fine subtropical effect in the garden if given light rich soil and a sheltered sunny location. Pkt., 10 cts.

DIDISCUS COERULEUS [Blue Lace Flower]

Seed sown outdoors after danger from frost, should insure bloom continuously from July to October. The much-branched plants grow to about 2 feet, with subdivided foliage. The terminal flower umbels average close to 3 inches across, a lacy association of long thin tubes and flaring faces in the numerous florets. The entire flower is such an appealing shade of "heavenly" blue, and its construction so dainty, we cut it for solid vase fulls, and as a mixer, and we pot it for winter house-bloom. Pkt., 10 cts.



Blue Lace Flower

ESCHSCHOLTZIA or California Poppy

California's state flower. Dwarf plants about 1 foot high, with spreading, silvery, fine cut foliage; furnishing a liberal quantity of poppy-like flowers from spring until late fall. In addition to the original yellow, the class is now enriched by various color shades. Border plants or masses. Hardy annuals.

Golden West. Large overlapping petals; shining yellow, with orange blotch. Pkt., 10 cts.

Mandarin. Inside orange, outside scarlet. Pkt., 10 cts.

Rosy Morn. Delicate frilled flower, rosy pink, white inside. Pkt., 10 cts.

Mixed. Rich in shades of pink, crimson, and orange-scarlet. Pkt., 10 cts.

Bush Eschscholtzia.

A fine bushy plant 2 feet high, with large cup-shaped yellow flowers, on long stems. Keep well in water. Pkt., 10 cts.

Gaillardia

California Poppy

EUPHORBIA

Heterophylla. (Mexican Fire-plant.) An annual resembling the Poinsettia in habit and color. Smooth glossy-green leaves which in mid-summer turn to a beautiful orange-scarlet. 2 to 3 feet. Pkt., 10 cts.

Variegata. (Snow-on-the-mountain.) An old garden favorite; foliage and flowers veined and margined white. 2 to 3 feet. Pkt., 10 cts.

FEVERFEW ⊙

Double White. A bushy plant, bearing a profusion of double white daisy-like flowers of great popularity for summer bouquets. Hardy annual. Pkt., 10 cts.

FOUR O'CLOCK [Marvel of Peru]

Blooms the first season from seed; the flowers, which are produced in clusters, open in the afternoon and wither the next morning. Generally planted in solid rows, to outline the garden plot or walks; its innumerable flowers and gorgeous diversity of colors furnishing a great deal of cheer at little expense. 2 feet. Our mixture contains a fine variety of colors. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 50 cts.

FORGET ME NOT * [Myosotis]

Hardy perennial, ½ foot. Very dainty edging plants.

Palustris. Blue, with white and yellow eyes. Pkt., 10 cts.

Victoria. Fine heads of large, clear, azure blue; plants bushy and compact. Pkt., 10 cts.

FOXGLOVE [Digitalis]

The mammoth 3 to 5 feet spikes of densely set colored flowers make them very desirable for use as backgrounds for lower growing plants. Hardy biennials. **Finest Mixed Gloxinoides.** Pkt., 10 cts.

GAILLARDIA ⊙ [Blanket Flowers]

***Grandiflora.** Hardy perennial, 2 feet, blooming first season. Flowers large and flat; yellow and orange, with center and rings of varying extent in shades of red and maroon. **Mixed.** Pkt., 10 cts.

Picta Mixed. Annual. 1½ feet. Double and single flowers of many color shades. Pkt., 10 cts.

GEUM ⊙*

Mrs. Bradshaw. For use in bouquets and for red in hardy borders. They closely resemble dark crimson Carnations with broad, fluted petals, and a conspicuous tuft of golden stamens at center. Hardy perennial; 1½ feet. Pkt., 15 cts.

GOURDS [See Vines, Page 112]

GODETIA

Their beautiful satiny, open flowers, covering a wide range of colors, produce a delightful effect in masses or borders. They bear good flowers even in shaded places where so few flowers can be grown, and are better in the cooler sections, and in not too rich soil. Hardy annuals. 1 foot.

Finest Mixed. All colors. Pkt., 10 cts.

If you prefer started plants, we have them for most popular Annuals. See page 66

GYPSOPHILA ⊙ [Baby's Breath]

Delicate stems and foliage in rounded clumps; profusely sprinkled with tiny star-blooms. These misty panicles are exquisite "mixers" with other flowers, either in bouquets or in the garden.

Elegans. Annual. To provide continuance of bloom, should be sown several times. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.

***Paniculata.** Hardy perennial; 2 feet. Flowers white, with a general impression of being lavender, when in bud. Pkt., 10 cts.

Gypsophila

HELICHRYSUM ⊙ [Strawflower or Everlasting]

Hardy annual, 1½ feet. Flowers are round, flat but thick, very full of short, stiff, incurved petals surrounding a depressed center. Their chief value is for winter use in baskets and vases, dried. Cut with long stems when about a third opened, suspend bunch (heads down) in a cool, dry place until thoroughly dried. We offer the **MONSTROSUM fl. pl.** strain, which is the largest and most double, with the widest range of colors.

Helichrysum (Straw Flower)

Fireball.	**Crimson.**	**Salmon Queen.**
Goldenball.	**Scarlet.**	**Violet Queen.**
Silverball.	**Rose Queen.**	

All above varieties, Pkt., 10 cts. each.

Monstrosum fl. pl. Mixed. Pkt., 10 cts.; ¼ oz., 25 cts.

Strawflower Set. 1 Pkt. each of the 8 varieties for 60c.

HELIOTROPE

Valued for the fragrance of their flowers, and duration of bloom. Tender perennial, 1 foot. Easily grown, blooming first summer if sown early.

Lemoine's Giant Hybrid. Of robust growth, and large flower heads. Choice mixed colors. Pkt., 10 cts.

HIBISCUS [Marsh Mallow]

Hardy perennial. Spreading growth up to 5 feet. Immense, single bell-flowers during late summer, in shades of red, pink and white. **Mixed.** Pkt., 10 cts.

HOLLYHOCKS

Hardy perennial. 3 to 5 feet. Sow seed in June or July in open ground, transplant to 3 feet apart. Will bloom next year.

Double Flowered. All varieties. Pkt., 10 cts.

Double White.	**Double Pink.**	**Dou. Yellow.**
Double Red.	**Dou. Maroon.**	**Dou. Mixed.**

Newport Pink. The most vivid pink.

Lilac Beauty. A new, rich shade.

Single Flowered. Mixed. Tall growth; rich pillars of color. Pkt., 10 cts. each.

Mammoth Fringed. (Allegheny.) The flowers are from 4 to 6 inches across, single and semi-double, finely fringed and curled. Will bloom the first season if sown early.

Choice Mixed. Pkt., 10 cts.

HONESTY ⊙ [Lunaria Biennis]

A hardy biennial, known also as Moonwort, Money, Peter's Pence, and Satin Flower. The interesting bloom is colored in crimson, purple, or white and is of unique value to brighten shady, damp places where there is seldom any colored bloom; but the large, rounded seed pouch is what makes this plant so popular. It is transparent, silvery, in loose sprays, drying naturally so that it lasts all winter in dry bouquets with berries and other winter basket material. Sow seed in May. Cover plants before frost. **Mixed.** Pkt., 10 cts.

HYACINTH BEAN See Vines, [Page 112]

ICE PLANT [Mesembryanthemum]

For baskets, rock work, vases. Appears covered with ice crystals. Tender trailer; 6 inches. Pkt., 10 cts.

IPOMEA

"Cypress Vine," "Moonflower," "Cardinal Climber," etc. See Vines, Page 112.

JOB'S TEARS

Broad, glistening grass. The odd, tear-like seeds are often strung and used as beads. Hardy annual.
Pkt., 10 cts.; oz., 20 cts.

KOCHIA [Summer Cypress or Burning Bush]

An annual plant of ideal character for temporary summer hedges. A feathery dense egg-shaped bush ranging from 2 to 4 feet according to soil. Foliage is so fine and close-set, the bush resembles a formally clipped evergreen, although soft enough to ripple. Pale, tender green throughout summer, the color turns towards fall to vivid red. Sow thinly in spring for an unbroken line, but for individual expression transplant to 18 or 24 inches apart.
Pkt., 10 cts.; ¼ oz., 25 cts.

Kochia—Summer Cypress

Dried "Baby's Breath" and Helichrysum are valuable for winter bouquets

ANNUAL LARKSPUR ⊙ [Delphinium]

Giant Hyacinth Flowered. The plants grow 3 feet high with long spikes of giant flowers. Earliest flowering. Try these broadcasted with Shirley Poppies and Calliopsis. **Mixed Colors.** Pkt., 10 cts.

Giant Hyacinth Flowered Dark Blue. Pkt., 10 cts.

Emperor. Produces an abundance of long slender spikes in the most delicate colors. Mixed. Pkt., 10 cts.

Double Dwarf Rocket. 1 foot. Finest mixed. Pkt., 10 cts.

Double Tall Stock-flowered "Exquisite." A charming new variety with long stems and spikes; dainty pink. Pkt., 10 cts.

Newport Scarlet. This scarlet variety is one of the choicest; ideal for cutting. Pkt., 10 cts.

*PERENNIAL LARKSPUR ⊙ [Delphinium]

Useful and prolific, unsurpassed for furnishing the various shades of blue. All summer's bloom. Easily grown from seed.

Belladonna. A magnificent sort unrivalled for continuance of bloom, with large spikes of the most delicate turquoise blue. Fine for cutting. Pkt., 20 cts.

Formosum. Dark blue with white eye; 3 feet. Pkt., 15 cts.

Choice Hybrids. Mixed. Pkt., 10 cts.

Larkspur

Lupine

LOBELIA

A most excellent and useful genus of plants, easy of culture and well adapted for bedding, hedging, hanging baskets, pots or rockeries. Seed should be covered lightly.

Crystal Palace Compacta. Fine for bedding, compact, erect growth, deep blue. Annual. Pkt., 10 cts.

Erinus Speciosa. Of trailing habit, bright blue flowers; fine for baskets. Annuals. Pkt., 10 cts.

Mixed. Compact varieties. Annuals. Pkt., 10 cts.

LUPINE ⊙

Annual Mixed. Easily grown annuals, about 2 feet. Produces an abundance of long, graceful spikes of pea-like flowers which are very showy and pretty in shades of blue, rose and white. Fine for beds or borders as well as for cutting. Does well in partial shade. Pkt., 10 cts.

Marigold—Tagetes Pumila

LYCHNIS CHALCEDONICA*

Bright scarlet flowers of maltese cross form, usually in medium size flat umbels, handsome for beds and borders. Of easy culture, growing in any rich garden soil, blooming the first year if sown early. Hardy perennials. 2 to 3 feet. Pkt., 10 cts.

MARIGOLD ⊙ [Tagetes]

The African varieties run to solid shades; the dwarfer French varieties to fancy striping. All types are richly contrastive when assembled with the blue of Larkspurs or the vivid tones of Zinnias. Hardy annual.

Dwarf Double African Lemon. Pkt., 10 cts.

Dwarf Double African Orange. Pkt., 10 cts.

Dwarf Double African Mixed. Mixed orange and yellow shades. 1½ to 2 feet. Pkt., 10 cts.; ¼ oz., 25 cts.

Tall Double African Eldorado. Densely double flowers of extra size; rich golden yellow. Pkt., 10 cts.; ¼ oz., 25 cts.

Tall Double African Lemon. Pkt., 10 cts.

Tall Double African Orange. Pkt., 10 cts.

Tall Double African Mixed. 3 feet. Varied color shades and showy. Pkt., 10 cts.

Dwarf French Double and Single Mixed. 1 foot. Finely cut foliage; flowers in fancy color combination and marking. Pkt., 10 cts.; ¼ oz., 20 cts.

Legion of Honor. (Dwarf Single French Marigold.) A single-flowering Marigold, forming compact bushes 9 inches high. Begins flowering early, commencing in June, continuing until frost. The flowers are golden yellow, marked with a large spot of velvety maroon at the base of each petal. Pkt., 10 cts.; ¼ oz., 25 cts.

Signata Pumila. (Dwarf Marigold.) Showy, dwarf, compact. Fine for potting, borders and edging beds. Rarely 12 inches high, with delicate fern-like foliage, and a summer's wealth of golden-yellow flowers. Pkt., 10 cts.; ⅛ oz., 25 cts.

Plant Annual Larkspur in masses if you want a gorgeous effect

MIGNONETTE ⊙

A delightfully fragrant, hardy annual, blooming the entire season in the flower border; also fine for cutting, and for pot culture during the winter and spring.

Goliath. Immense spikes, on strong stiff stems; very fragrant, fine for cutting; bright red.
Pkt., 10 cts.; ¼ oz., 30 cts.

Machet. The plants are dwarf and vigorous, of pyramidal growth; with long spikes of reddish green flowers.
Pkt., 10 cts.; ¼ oz., 25 cts.

Large Flowering. The "Sweet Mignonette."
Pkt., 10 cts.; oz., 20 cts.

MORNING GLORIES. [See Vines.] Page 112.

NASTURTIUMS

There is a distinct, peppery and altogether pleasing scent to Nasturtium flowers; the foliage is so pretty in its roundness and fresh, clean green; the coloring is so vividly bright and cheery, there is small wonder that the various types of this family are so extensively planted. They do not require anything unusual in the way of fertilization or attention, grow rapidly and bloom within a few weeks.

The common **tall mixed** and **Lobb's climbing** are offered with Vines. Page 112.

Mignonette Machet

Dwarf Mixed. This splendid mixture contains all the named varieties and every color. No finer mixture can be made. They will produce enormous flowers on long stems, in a wonderful variety of colors.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

NICOTIANA [Sweet Scented Tobacco Plants]

As summer garden plants, their long, broad leaves are quite as attractive as the fragrant star-shaped bloom.

Affinis. Pure white, sweet-scented flowers.
Pkt., 10 cts.

Hybrida Mixed. Has large star-shaped flowers in many colors. If plants are taken up in fall, cut back, potted, they will bloom in the house during the winter. 2 to 3 feet. Mixed colors. Pkt., 10 cts.

Nasturtiums

NIGELLA ⊙
["Love-in-a-Mist" or "Devil-in-the-Bush"]

Damascena. Compact plants a foot high, with fine cut foliage within which is set a profusion of pretty, curious shaped flowers and seed pods; make good short-stemmed cut flowers. **Mixed** blue and white. Pkt., 10 cts.

"Love-in-a-Mist"

S. & H. OLD GLORY GLADIOLI MIXTURE

A gorgeous assemblage of the world's best standard varieties. We are standing by this mixture. There is no better Gladiolus Mixture offered—at any price.

One dozen by mail postpaid 60c

See page 112 for Climbing Nasturtiums and other climbing flowers

S. & H. Co. PANSIES

Pansy seed sown in August will provide strong plants for early spring bloom. The latter part of April is best for spring sowing, under normal conditions, producing flowers by the last of June and continuously until fall. A well enriched, finely worked soil is best. If drilled in, seed should be covered not over four times its own depth. If thinly covered (paper will do), to preserve moisture, germination should occur within 8 to 12 days. When the plants are sufficiently developed, transfer to desired location, allowing about 9 inches for interval. Many people start them in hot beds or in boxes in the house, about two weeks before the probable earliest planting time.

Superb Giant Mixed Pansies

TRIMARDEAU MIXED PANSIES

A particularly robust, hardy strain with richly colored flowers in the giant class, which rarely fails to give perfect satisfaction. Many growers claim better results and greater popularity for this type than obtainable from any other.

Pkt., 10 cts.; ⅛ oz., 50 cts.

Large Flowering Pentstemon "Sensation"

PENTSTEMON

New Large Flowering. "Sensation." The numerous Gloxinia-shaped flowers are borne in long spikes from May until frost. Will bloom the first season if sown early in a hot-bed and planted out as soon as frosts are over. The colors are white, pink, rose and crimson, many being spotted and margined with a contrasting color. Hardy perennial. **Choice Mixed.** Pkt., 10 cts.

SUPERB GIANT PANSIES

The Superb Giant strain of Pansy seed represents the culmination of many years' rigorous selection, with the object in view of getting a type of flower at once the largest and most impressive, together with the most striking faces and richest colorings.

Masterpiece. Distinct in form of flowers, the border of each petal being conspicuously curled or waved, giving the flower a double or globular appearance. Choice mixed colors. Pkt., 20 cts.

S. & H. Superb Giant Mixed. Probably the most important and most extensively used of all Pansy mixtures. It is a painstaking distribution of the numerous named varieties of its class, together with Odier, Cassiers, Bugnot and Trimardeau selections. Pkt., 15 cts.; 2 pkts., 25 cts.; ⅛ oz., $1.25.

EXCELSIOR MIXED PANSIES

One of the older types of selected large flowered Pansies. It lacks many of the unique markings characteristic of newer forms, but still retains its own particular qualifications which make it especially adapted for bedding purposes.

Pkt., 10 cts.; 3 pkts., 25 cts.; ⅛ oz., 40 cts.

See special list of Potted Annuals, Page 66. These plants arrive all ready to set out. A boon to gardeners.

"Sturdy and Healthy Plants"

April 2, 1928.

Gentlemen:

First I want to thank you for the shrubs received which I ordered. Seldom have I seen anything so well prepared in the way of packing; and the plants themselves were just as sturdy and healthy and full-bodied as though they were taken from the earth the same day I received them.

I am very well pleased. I didn't think such a trifling order as mine would get such fine handling.

Let me thank you, too, for the gift shrub—a friendly-making touch, that. I am telling everyone I know about your place and on the reverse of this letter have put a name or two to whom you can send your catalog if you will. Again thanking you, I am

Sincerely,
EDWARD FAUST,
22 Alta Drive, Bronxville, N. Y.

Always True to Name

Gentlemen:

In the 12 years we have sent to you for trees, etc., everything has been true to name and just as represented.

Your catalogues are a work of art, and we treasure them most of any we've ever received.

J. E. BREUER,
Independence, Mo.

Pansies grown in shade, watered and kept picked, will bloom practically all summer

PETUNIAS

All Kinds—All Colors

"BALCONY" PETUNIAS

A valuable section remarkable for their great freedom, with flowers 3 inches across. Particularly adapted to use in vases, hanging baskets or window boxes.

Balcony Blue. Rich, velvety indigo blue.
Balcony Crimson. Of startling clearness.
Balcony Rose. Brilliant, attractive rose-pink.
Balcony White. Conspicuous. Pure, waxy white.
Balcony Mixture. Not comparable to ordinary mixtures; the extreme size, clear colors and distinctive form emphasizing their superiority; each packet furnishing a multi-colored little garden in itself.

Balcony Petunias

PRICE. All "Balcony" Petunias 15 cts. per pkt.

SINGLE BEDDING PETUNIAS

Howard's Star. Clear purple with distinct white star filling throat, extending to edge of petals. Pkt., 10 cts.

Rosy Morn. Compact, bushy growth, fifteen inches in diameter, covered throughout entire season with open-throated flowers 1½ inches in diameter. Distinct and glowing, although a soft tone of rose-pink, with silvery white throat. Pkt., 10 cts.

Triumph. Of uniform growth and general superiority as a mass bedder; beautifully ruffled, and conspicuous in its clear, bright pink color. Pkt., 25 cts.

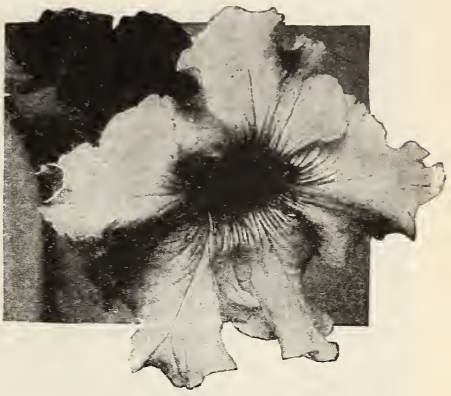
Finest, Striped and Blotched. Mixed. Pkt., 10 cts.; ¼ oz., 40 cts.

Single Fine Mixed. Pkt., 5 cts.; ¼ oz., 30 cts.

DWARF UPRIGHT SINGLE BEDDING PETUNIAS

A valuable new type adapted to edging the taller and branching types, or any other of the larger bedding annuals.

Rose of Heaven. Beautiful rose pink. Pkt., 15 cts.
Deep Violet. Rich and velvety. Pkt., 15 cts.
Mixed. Pkt., 15 cts.



Giant Ruffled Petunia

SINGLE LARGE FLOWERING PETUNIAS

Fringed. (Fimbriata.) A strain of beautifully fringed flowers. Colors rich and brilliant. Pkt., 20 cts.

Giant Ruffled. The flowers of this strain are ruffled and fringed, colors rich and gorgeous, with deep throats of various shades. Fine mixed. Pkt., 25 cts.

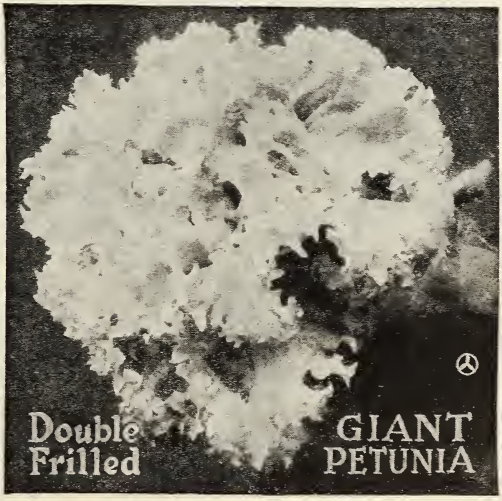
Giant of California. Choicest mixed seed saved from show flowers. Very large. Pkt., 25 cts.

Elks Purple. The magnificent "color" of the Elks Order. The single flower of this fine new variety is of giant proportions; gracefully rolling, its five-pointed lobes distinct. The color is solid, of the richest purple shade conceivable, with a velvety black lustre over all. Very free blooming, active and exceptionally noticeable. Pkt., 25 cts.

DOUBLE GIANT FLOWERING PETUNIAS

We consider this one of the finest mixtures of Double Petunias; composed of the best and largest flowered strains grown. While a fair per cent of Double Petunia seed will produce double flowers, some will not. The single ones, however, will be richly colored and finely marked.

Choice Mixed. Pkt., 35 cts.



Don't overlook our Special Diamond Jubilee offers on page 90

PHLOX©

So many wonderful improvements have developed among the hardy perennial Phlox, people are forgetting the annual types. This is a mistake; for nowhere among perennial beds can that same density of bloom and vividness of color be found as is shown by the annual Phloxes.

DRUMMONDI GRANDIFLORA

For a splendid mass of color and constant display, this type is not excelled by any other annual. Blooms early, continuing until severe freezing. The seed may be planted in the open ground May 1st or in hot-bed or house earlier, and afterwards transplanted to where wanted into rich ground, 8 to 10 inches apart each way. Hardy annuals; 1 foot.

Alba. Pure white; very large.
Coccinea. Rich brilliant scarlet.
Isabellina. Pale primrose yellow.
Rosea. Rose colored; large white eye.
Splendens. Crimson with white eye.
Above Varieties. Each, Pkt., 10 cts.

GRANDIFLORA CHOICE MIXED

A choice mixture of all colors in the type.
Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 40 cts.; oz., $1.25.

DRUMMONDI NANA [Dwarf]

Grows about 6 inches high, splendid for pot culture or for ribbon lines and for massing. In choicest **Mixture.** Pkt., 10 cts.

STARRED and FRINGED

The most interesting of the Phlox family, bearing pretty star-shaped and fringed flowers, rich in colors. **Choice Mixed.** Pkt., 10 cts.

PERENNIAL PEA*

Lathyrus Latifolius

Known and sold as Everlasting Sweet Pea. Quite hardy and not particular as to soil. Splendid for covering rocks, stumps and walls. **Mixed.** Pkt., 10 cts.

Phlox Drummondi Grandiflora Mixed

PINKS© [Dianthus]

Few other plants produce more flowers or cover a longer blooming period. Height averages 1 foot, making them available for edgings. They are actually biennials, and will survive the winter if it is not too severe.

DOUBLE ANNUAL PINKS

Chinensis fl. pl. (Double China Pink.) The colors are rich, and you hardly find two alike. Pkt., 10 cts.
Snow Queen. (Double White Japan.) One of the prettiest of white cut flowers, and very useful as a white border. Pkt., 10 cts.
Double Choice Mixed. Mixture of all the above double annual varieties.
Pkt., 10 cts.; ¼ oz., 30 cts.

SINGLE ANNUAL PINKS

Choice Mixed. All the best single annual varieties with flowers averaging 2 inches in diameter, very bright with extremes of color and fancy patterns.
Pkt., 5 cts.; ¼ oz., 30 cts.

PLATYCODON [Balloon Flower]*

The unopened buds resemble miniature balloons opening up as deep throated, 1½ to 2 inch bells. Hardy perennial, 2 to 3 feet; prolific and long season of bloom. Seed sown in early spring will bloom in August.
Mixed Colors. (Blue, white.) Pkt., 10 cts.

POPPY

Poppies are among the most interesting of tne garden flowers with vivid colors and fern-like foliage. Annuals should be sown as early in spring as possible, in the location where they are to remain, as they do not transplant successfully. Seed should be just barely covered, although firmly pressed down. Thin out to 3 or 4 inches between plants; and take time to remove old flowers stems.

ANNUAL KINDS. Price: Pkts., 10 cts. each.

American Flag. Flowers extra large, double, snow-white, each petal bordered with scarlet.

Carnation Flowered. Brilliant, many petaled, finely fringed flowers of mixed colors.

Peony Flowered. Globular flowers of good size, resembling fully double Peonies. Mixed.

Tulip Poppy. The 3-inch flower resembles a Scarlet Gesneriana Tulip in color, with deep black spots at the base of each petal. 2 feet.

Mixed Double Annual Poppies. All kinds. Pkt., 10 cts.; ¼ oz., 25 cts.

Shirley Poppies. This type is perhaps the most beautiful of all; one sowing keeping the bed alight all summer. Although they are mostly single, many come semi-double, or with fluted margins. The colors range from white, through various shades of pink, to scarlet and deepest crimson. **Mixed.** Pkt., 10 cts.; ¼ oz., 25 cts.

PERENNIAL POPPIES. Price: Pkt., 10 cts. each.

These **Large Flowered** kinds average 6 inches across, and are imposing in spring, with their fiery bloom, on nodding stems 3 to 4 feet high. They do not bloom the first year from seed.

***Bracteatum.** Crimson, black spots in center.

***Orientale.** (Oriental Poppy.) Orange scarlet.

***Large Flowered Mixed.**

Small Flowered

Iceland.* **(Papaver Nudicaule.)** Single, cup-shaped flowers 2 to 3 inches in diameter with ruffled petals; yellow, orange and white. Sown early in spring will bloom in June and continue until cold weather if not allowed to bear seed. **Mixed colors.**

Double Carnation Flowered Poppy

PORTULACA ["Moss Rose"]

Trailing plants which love the sun, and nestle close to the warm, sandy loam of their choice. The numerous round, flat flowers set close, and brilliantly illumine the emerald of the foliage with vivid shades of red, yellow, pink and white. Half-hardy annual. **Double Mixed.** Pkt., 10 cts.; ⅛ oz., 50 cts.

Single Mixed. Pkt., 10 cts.; ¼ oz., 25 cts.

Double Portulaca

PRIMROSE [Primula]

Obconica Grandiflora Hybrida. For pot culture, also for the open border during summer. If sown early in spring, the seedlings will commence to bloom in May or June and continue throughout the year.

Mixed colors. Pkt., 25 cts.

Chinese Fringed. One of the finest plants for winter and spring blooming in the house or conservatory; they do well in a cool room, in a north window where most other plants fail. Greenhouse perennials.

Mixed colors. Pkt., 25 cts.

PYRETHRUM ROSEUM HYBRIDUM ⊙

Showy, hardy perennials, blooming the first season if sown early. In colors, white, rose, crimson and scarlet; 2 to 3 inch daisy-like, single, anemone and globular double flowers. The foliage is fine-cut and ferny. 2 ft.

⊙**Double Mixed.** Pkt., 25 cts. ⊙**Single Mixed.** Pkt., 10 cts.

Single Pyrethrum

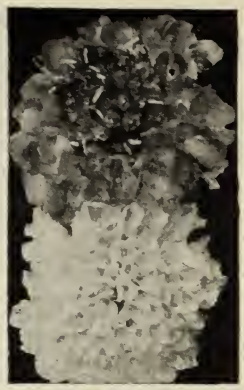
RICINUS [Castor Oil Plant]

Tender annual. Singly, it makes a perfect pyramid, thickly set with its enormous beautifully lobed leaves; or, a large group of them gives a fine tropical effect. Sow in open ground or in hot bed and transplant.

Sanguineus. Tall, with reddish stalks. Large ornamental reddish-purple leaves. Pkt., 10 cts.; oz., 25 cts.

Zanzibarensis, Mixed. Robust strong grower, foliage green and red. Pkt., 10 cts.; oz., 25 cts.

Salpiglossis



Scabiosa

SALPIGLOSSIS ⊙

The distinct colors are marbled and penciled on, many having the appearance of being sprinkled with gold dust. Bloom from August to October, on long stems making an ideal cutflower. Very easily grown. Half-hardy annual; 2 feet. **Emperor Choice mixed.** Pkt., 10 cts.

SALVIA [Scarlet Sage]

This very popular plant is a tender perennial, but should be treated as an annual. Its beautiful flaming spikes of blossoms will add more to a border than any other plant, and where a brilliant scarlet is wanted it is unsurpassed.

Salvia Splendens

America. Because of its uniform growth coupled with profuse and continuous bloom, this comparatively new variety is particularly valuable for extensive bedding or formal lines. Pkt., 20 cts.

Clara Bedman. (Bonfire.) It grows about 2 feet high and as many broad, and very compact. Its long spikes of fiery scarlet flowers stand up stiff and erect well above the foliage. Pkt., 10 cts.

Splendens. One of the most gorgeous of annuals, blooming readily throughout the summer and fall. The plants grow from 1½ to 3 feet in height, inclined to branch freely towards the top, are completely covered with showy sprays of bright scarlet flowers until cut down by frosts. Pkt., 10 cts.; ⅛ oz., 35 cts.

Zurich. A dwarf variety, but with long full spikes of rich scarlet flowers. It is free blooming, commencing early and continuing with unabated brilliancy until late in the season. Pkt., 15 cts.

SCABIOSA ⊙ [Mourning Bride]

Handsome summer border plant producing its splendid flowers in greatest profusion from July until severe autumn frosts. Flowers are of compact rounded shape, long stems, making them ideal cutflowers which keep in water a week. The colors are both strong and dainty, equally enjoyable and effective in bouquets or the garden. Hardy annual; 2 to 2½ feet.

Double Azure Fairy. Pkt., 10 cts.
Double Rose. Pkt., 10 cts.
Double Crimson. Pkt., 10 cts.
Double White. Pkt., 10 cts.
Double Golden Yellow. Pkt., 10 cts.
Double Mixed. Pkt., 10 cts.

SCHIZANTHUS ⊙ [Butterfly Flower]

Annuals, producing in a few weeks from seed a plant obscuring wealth of beautiful flowers of many colors, spotted, blotched and veined.

Hybridus Grandiflora. Choice mixed. Pkt., 10 cts.

Wisetonensis. One of the finest large-flowered sorts, colors ranging from pink with brown center to white with yellow center. Excellent for pot plants. Pkt., 15 cts.

SMILAX

(Myrsiphyllum Asparagoides.) A graceful tuberous rooted, tender perennial climber, none surpassing it for its glossy deep-green, most delicate foliage and small white flowers; fine for vases and baskets. Soak the seed 24 hours before sowing; 6 to 10 feet. Pkt., 10 cts.

STOKESIA [Stokes Aster]*

A splendid perennial for garden culture, in beds or borders. Blooms first year from seed. 1½ to 2 feet.

Cyanea. Showy deep lavender blue, aster-like flowers, in broad clustered heads from June on. Pkt., 10 cts.

STOCKS

The "Gilly flower" is a half-hardy annual. The flowers in close-set, thick panicles on both main stems and side branches.

Double Giant Perfection Choice Mixed. All colors. Pkt., 10 cts.

CUT-AND-COME-AGAIN TEN WEEKS

An "everblooming" strain blooming in July from seed sown in March or April. Although earlier to start, their most perfect state is reached in September-October.

"Cut-and-Come-Again" Stocks Mixed. Pkt., 10 cts.

SWEET PEAS©

CULTURE. Locate planting where there will be uninterrupted sunlight, in as good soil as possible, thoroughly mixed with well rotted cow manure. Seed should be sown before the first of April if weather will permit, about 6 inches down in the trench, and covered with an inch of firmly pressed soil. Thin out to 2 to 4 inches apart and a little soil may be drawn in to give greater depth to the roots. Vining support in the form of brush, chicken wire or taut strings should be supplied at the time of sowing. Water sufficiently, pick often to ensure continuance.

SUMMER FLOWERING SPENCERS

The "Spencer" type of Sweet Peas, by its greatly increased size, its distinctive frills and waviness, and its general improvement in color depths and patterns, has practically usurped the field.

Blue.

Commander Godsall. Very rich, deep violet blue.

Mrs. Tom Jones. Bright blue.

Crimson.

Crimson King. The finest, richest crimson pea ever offered. Of strong growth, with long stems clearing the foliage, the flowers extra large and usually in fours

Fiery Cross. The standard is fiery red or crimson, the fluted wings a rich cherry orange.

Lavender.

Austin Frederick. Flowers of immense size, a pleasing lavender shade, slightly darker at center.

Orange-Scarlet.

Royal Scot. Large flowered, long stemmed, bearing fours; brilliant, very showy deep cerise, which is comparatively sun-proof.

Pink.

Hercules. A magnificent deep rose pink, distinguished by its abnormal standards —frequently 2½ inches across—and unusually pronounced frills.

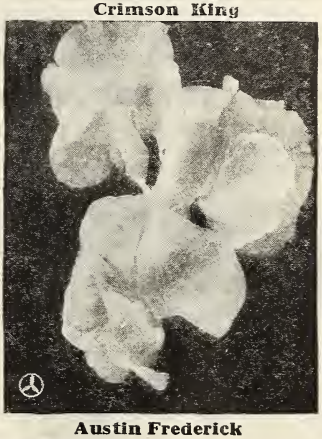
Pink Pearl. An exquisite effect of soft pearl, gently flushed pink throughout; a profuse bloomer.

White.

Constance Hinton. A robust, large sized variety producing pure white flowers in fours and fives.

King White. Stems long, uniformly in fours; immense white petals of finest frilled type. Each, above: Pkts., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Crimson King



Austin Frederick

SUMMER FLOWERING SPENCER MIXED

All varieties and colors in a delightful mixture conceded to be the best result-getter of any Sweet Pea mixture on the market. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.50.

S & H "Sunset Mixture" of Summer Flowering Spencer Sweet Peas

As our "Sunrise Mixture" of the early flowering Spencers contains the range of coloring found at dawn in the sky of many climes, so this "Sunset Mixture" of the summer flowering group exemplifies the close of day. It is exactly apportioned in the mixing from really choice named varieties. We have concluded that our customers generally care little for names, but want distinct colors and would mix them up anyway in planting. Here then is this and its companion mixture which we offer with confidence in their ability to satisfy. Pkt., 10 cts.; oz., 25 cts.; 2 oz.,45 cts.; ¼ lb., 75 cts.; lb., $2.25.

EARLY FLOWERING SPENCER SWEET PEAS

In bloom two to three weeks earlier than the Summer Spencers, flowering throughout a long season.

"Early Sunrise" MIXTURE

This is a wonderful blend of the named Early Flowering Spencers, displaying a wide range of colors and shades.

Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.

SUNFLOWER© [Helianthus]

"Cut-and-Come-Again." (The Ever-Blooming Type.) The single flowers, 3 to 4 inches across are borne on long stems admirably adapted for vases. Choice colors in mixture. Pkt., 10 cts.

Double Chrysanthemum Flowered. Grows about 6 feet high and blooms profusely. The perfectly double flowers are bright yellow, from 3 to 6 inches in diameter. Pkt., 10 cts.; oz., 25 cts.

Large Russian. A very tall growing double variety; 10 to 15 feet. The seed is used for poultry. Oz., 10 cts.; ¼ lb., 15 cts.; lb., 30 cts. By express 10 lbs. or more at 15 cts. per lb.

Purpureus. (New Red Sunflower.) The flowers come in various shades of red, and red margined with yellow, ranging from 2 to 5 inches in diameter. Plants grow branchily 3 to 4 feet high, and bloom freely. Pkt., 10 cts.

Don't forget that Sweet Pea seed must be sown very early

SWEET WILLIAM

***PERENNIAL [Dianthus Barbatus]**

Popular garden flower, showing a wonderful array of vivid colors in fancy patterns. Flowers are shaped, clustered and colored much like Phlox; the markings, however, being more sharply defined. Perfectly hardy, but sow the seed in ultimate location, or transplant when young; as matured plants move awkwardly.

Pink Beauty; Scarlet Beauty; Dark Crimson; Double White.
Each—Pkt., 10 cts.

Mixed Single. Pkt., 10 cts.
Mixed Double. Pkt., 10 cts.

Sweet Williams

ANNUAL

Choice Mixed. Almost identical with the perennial varieties in form of flower, rich and dainty coloring and fragrance, but unlike the perennials which do not bloom until the following year, these are annuals, blooming the same year the seed is sown. Pkt., 10 cts.

THUNBERGIA [See Vines, Page 112]

VERBENA [Mammoth Flowered]

A showy annual creeper, literally covered with large umbels of brilliant blossoms. For early blooms sow in boxes and transplant into rich soil 15 inches apart. May be sown in April in the open and thinned.

Verbena

Pink. Pkt., 10 cts.
Firefly. Pkt., 10 cts.
Purple. Pkt., 10 cts.
Scarlet. Pkt., 10 cts.
White. Pkt., 10 cts.
Blue. Pkt., 10 cts.
Lucifer. New, large, cardinal red. Pkt., 15 cts.
Mixed. Pkt., 10 cts.; ⅛ oz., 25 cts., oz., 40 cts.

WALL FLOWER

[Cheiranthus]

Deliciously fragrant flowers in long, full spikes which are very free and pretty during the spring. They combine many shades of color; the orange, purple and chocolate predominating. Tender perennial, requiring winter protection in the north; 1½ feet.

***Double Mixed.** (Perennial.) Pkt., 15 cts.
Annual Mixed. Blooms first year. Pkt., 10 cts.

Wall Flower

S. & H. "Color Riot" WILD GARDEN MIXTURE

"Color Riot" Annual Mixture. Contains a mixture of hundreds of free flowering annuals that will give amazing effect the first year.
Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

"Color Riot" Perennial Mixture. A splendid mixture of permanent flowers, all free flowering and very desirable.
Pkt., 10 cts.; oz., 35 cts.

TEMLEY'S "Watch-em-Grow" PLANT FOOD

A wonderfully quick-acting, perfectly compounded Plant Food giving us one of the best balanced fertilizers possible to secure.

Use it on your house plants, as follows: Dissolve a teaspoonful in a cup of hot water, afterwards pouring this into one gallon of cool water. Water your plants with this mixture. For a six-inch pot plant, use a pint of mixture once each week until you note improvement; then once in two weeks, and occasionally thereafter.

In repotting plants, use a teaspoonful dry, thoroughly mixed throughout four quarts of potting soil.

In the garden, it may be used in the same way as recommended for pot plants.

A TRIAL PACKAGE FOR 10 Cts.

Guaranteed Analysis

Ammonia, soluble in water	19%
Available Phosphoric Acid	10%
Potash, soluble in water	14%
Total, in perfect balance	43%

Send us 10 cts. for a trial package of "Watch-em-Grow," with directions for using. After using contents, if you are satisfied with results, you may return us the empty package and forty cents (40 cts.), for which we will mail you one of our regular fifty cent cans of "Watch-em-Grow" Plant Food. This makes the trial package cost you nothing.
Trial package, 10 cts.
Large, 8-oz. can, 50 cts.

ZINNIAS ⊙

Few flowers are so easily grown from seed sown in the open ground or bloom so abundantly and continuously as this hardy annual. Marvelous improvements have been wrought in the newer strains. We recommend them for groups, beds, borders and summer hedges, where they will bloom quite freely, but are incomparably bright during the month of August. Sow seed in the open ground early in spring or start them in hotbed or warm window and transplant when the ground is suitably warmed. Height, 1½ to 2 feet.

NEW DOUBLE Dahlia Flowered ZINNIAS

This mammoth sized, unusual shaped and color perfected type has revolutionized the appearance of our annual gardens during the past two years. They very closely resemble the double decorative type Dahlias in form and in their robust growth. Plants get up to 3 feet in height, with perfect flowers often 6 inches wide by 3 and 4 inches in depth. These range widely as to color, even introducing depths and tones heretofore unknown in Zinnias.

Crimson Monarch. Immense flowers often 8 inches wide; the largest and richest of the group. Pkt., 15 cts.

Dream. A beautiful shade not common to this class; deep lavender turning to mallow purple. Pkt., 15 cts.

Golden State. Bright yellow in the bud, deepening with maturity to a rich orange shade. Pkt., 15 cts.

Zebra and Giant Scarlet Zinnias

Dahlia Flowered Zinnia

Illumination. A striking self color of deep rose. (Tyrian Rose). Pkt., 15 cts.

Old Rose. Fitly named for its color, which beautifies a large and perfect flower. Pkt., 15 cts.

Oriole. A superb variety in size and dahlia character; a warm suffusion of orange and gold. Pkt., 15 cts.

Polar Bear. Of large size, and the best white introduced in this class to date. Pkt., 15 cts.

Scarlet Flame. Vividly descriptive. Pkt., 15 cts.

Dahlia Flowered Zinnias Mixed. Pkt., 15 cts.; ⅛ oz., 40 cts.; ¼ oz., 75 cts.

NEW GIANT ZINNIA

Picotee. The beautiful flowers are of a Giant type, each petal distinctly tipped with a darker shade as in Picotee Carnations. They come in a variety of colors, including orange, flesh, lemon, pink and cerise each with the peculiar marking on tips of petals. We cannot supply separate colors. **Picotee Mixed.** Pkt., 15 cts.

GIANT DOUBLE FLOWERED ZINNIAS

These are truly giant, not to be confused with the common or small flowered strains.

Giant Flowered Crimson. **Giant Flowered Purple.**
Giant Flowered Golden Yellow. **Giant Flowered Scarlet.**
Giant Flowered Orange. **Giant Flowered White.**
Giant Flowered Pink.

Pkt., 10 cts.; ⅛ oz., 25 cts.

Giant Flowered Zinnias Mixed. Above and others. Pkt., 10 cts.; ¼ oz. 30 cts.; oz., $1.00.

BLACK KNIGHT

Medium size double flower of deep maroon. Pkt., 10 cts. ⅛ oz., 25 cts.

ZEBRA ZINNIAS

All colors, striped and spotted with different shades. **Mixed.** Pkt., 10 cts.; ⅛ oz., 25 cts.

DOUBLE POMPON ZINNIAS

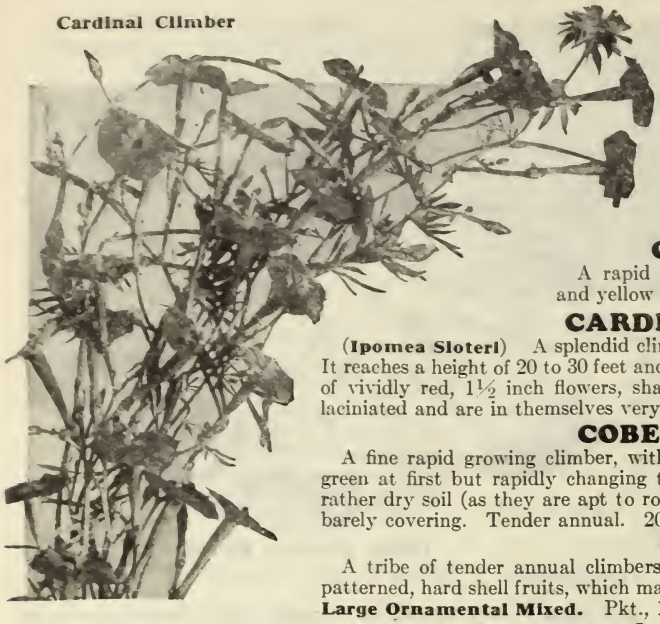
Flowers small, double and of beautiful form; fine for bouquets. **Fine Mixed** colors. Pkt., 10 cts.; ⅛ oz., 25 cts.

Red Riding Hood. Grows but a foot high. Has compact form and the flowers are small, very double, bright crimson. Makes an effective border. Pkt., 10 cts.; ⅛ oz., 25 cts.

CURLED & CRESTED ZINNIAS

The flowers are large, full and double, the petals being twisted, rendering them free from stiffness. A variety of splendid colors. **Mixed.** Pkt., 10 cts.; ⅛ oz., 25 cts.

Cardinal Climber



CLIMBING FLOWERS

BALLOON VINE ["Love-in-a-Puff"]

A rapid growing annual climber; bears small white flowers, followed by inflated seed-pods resembling balloons. Pkt., 10 cts.

CANARY BIRD FLOWER

A rapid growing summer climber, with finely cut foliage and yellow flowers. Tender annual. Pkt., 10 cts.

CARDINAL CLIMBER

(**Ipomea Sloteri**) A splendid climber that has created a sensation wherever grown. It reaches a height of 20 to 30 feet and is covered from midsummer till frost with clusters of vividly red, 1½ inch flowers, shaped like the Morning Glory. Leaves are deeply laciniated and are in themselves very decorative. Pkt., 15 cts., 2 pkts.; 25 cts.

COBEA SCANDENS

A fine rapid growing climber, with handsome foliage and large bell-shaped flowers; green at first but rapidly changing to purple. Seeds should be started in hot-bed or rather dry soil (as they are apt to rot in open ground); setting them edgewise and just barely covering. Tender annual. 20 feet. Pkt., 10 cts.

GOURDS

A tribe of tender annual climbers (10 to 20 feet) with curiously shaped, fancifully patterned, hard shell fruits, which may be used in many practical ways.

Large Ornamental Mixed. Pkt., 10 cts. **Small Ornamental Mixed.** Pkt., 10 cts.

HYACINTH BEAN [Dolichos]

A rapid growing annual climber, making about 10 feet. They bloom freely in large, upright racemes of pea-like flowers, either white or purple; followed by ornamental purple seed pods. Sow seed in April or May. **Mixed.** Pkt., 10 cts.; ½ oz., 20 cts.

IPOMEA

Tender annual climbers of rapid growth.

Grandiflora. (Moonflower.) Grows 25 to 30 feet. At night the plants are covered with solitary 4 to 5 inch, round pure white, fragrant flowers. Pkt., 10 cts.; ½ oz., 30 cts.

Heavenly Blue. Flowers 4 to 5 inches across, in large clusters, a beautiful sky-blue against richly green, large foliage. Pkt., 10 cts.

Quamoclit. (Cypress Vine.) A tender annual, 15-foot climber, with delicate dark green feathery foliage and abundance of bright, star-shaped rose, scarlet or white blossoms. **Mixed.** Pkt., 10 cts.

Setosa. (Brazilian Morning Glory.) Extremely rapid growth producing dense shade; delightful 3 to 4 inch rose colored flowers. Pkt., 10 cts.

MORNING GLORIES

(**Convolvulus.**) Annual vines, their morning glory of bloom unmatched for daintiness and refreshment, by any flower that heralds the dawn of day.

Mixed Colors. The old fashioned Morning Glory, of rapid climbing growth and profuse bloom. Pkt., 10 cts.; oz., 20 cts.

Japanese Giant. A class of climbers making a growth of 20 to 30 feet quite early in the season. Their large flowers are striped, spotted and margined in all shades from white to deepest red, blue and purple. Many are fluted and fringed. Sow the seeds early in a warm sunny place. Choice mixed. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.

Large Flowering Rochester. Vines strong, growing 12 to 20 feet high, with magnificent foliage. Flowers 4 to 5 inches across, deep violet blue in the throat, graduating out to an azure blue, bordered with a white band around the edge. Pkt., 10 cts.; ½ oz., 35 cts.

NASTURTIUMS

Tall Mixed. This is one of the most complete mixtures of Climbing Nasturtiums on the market; it includes, besides the various colors in this class, the popular strains of Mad. Guenther, Hybrids, Lobbs and Chameleon. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

Lobb's Climbing Nasturtiums. This is a choice selection of superior strains among the tall or climbing Nasturtiums, expressing the best in foliage and growth; with flowers a little more profuse, and running strong to rich red shades. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.

Dwarf Nasturtiums. This valuable garden type is listed on page 103.

THUNBERGIA

Beautiful rapid growing rather shrubby climbers, with a plentiful supply of trumpet shaped flowers in various colors and markings; fine for vases, rustic work or greenhouse culture. Half-hardy annuals; 5 feet. **Fine Mixed.** Pkt., 10 cts.

S. & H. Vegetable Seed

Approved by Gardeners Everywhere

Absolutely Reliable

"Enjoy fresh home-grown vegetables full of health giving vitamines."

It Pays to Plant S. & H. Tested Fresh Stock

OUR Seeds are sold direct from grower to you. This catalog is the only agent we employ. Our entire resources are devoted to supplying the finest stock obtainable at the lowest reasonable prices.

Days Required. We have placed in figures after the name of most varieties of vegetables, the approximate number of days required from seed sowing, for that variety to reach the stage when it is ready for harvest and market. This feature has received much commendation from our customers for the valuable service it renders them. These figures are based upon tests made in our own locality under average growing conditions. It should be borne in mind, however, that as location, climate, rainfall and soil all have so much to do with crop production, the number of days given will vary with differing conditions.

About Prices. At prices named, all Seeds you may order in Packets, Ounces, Half-Pounds, Pounds or Two Pounds, will be delivered by mail, postpaid. If ordered delivered by express or freight, deduct from such prices at the rate of 10 cents for each pound.

Unless noted, all other quantities larger than 2 pounds will be sent at purchaser's expense, whether by Mail, Express or Freight.

Diamond Jubilee Anniversary
SPECIAL OFFER

Jubilee Vegetable Seed Collection

Highest Quality — Biggest Value

1 Pkt.	Bean, Improved Golden Wax	$0.10
1 "	Beet, Early Model	.10
1 "	Cabbage, All Head Early	.10
1 "	Carrot, Chantenay	.10
1 "	Sweet Corn, Golden Bantam	.10
1 "	Cucumber, New Hybrid White Spine	.10
1 "	Lettuce, Grand Rapids	.10
1 "	Onion, Southport Yellow Globe	.10
1 "	Parsley, Moss Curled	.10
1 "	Pea, Gradus	.10
1 "	Radish, French Breakfast	.10
1 "	Spinach, King of Denmark	.10
1 "	Swiss Chard, Lucullus	.10
1 "	Tomato, Cleveland Market	.10
		$1.40

Fourteen Full Size Ten Cent Packets for $1.00 POSTPAID

ASPARAGUS SEED

CULTURE. Seed of asparagus should be sown early in the spring, in drills 2 inches deep. When seedlings are 1 or 2 years old, transplant (for the family garden) 12 to 18 inches apart in the row, and cover crowns to a depth of 2 inches. For commercial usage plant in rows 4 to 5 feet apart, placing crowns 8 to 10 inches apart in the row. One ounce to 50 feet of drill.

Washington. (2 years.) The result of long experimentation by the U. S. Department of Agriculture. Combines strong quick growth, extreme size, uniform development of stalks, dark green color and delicious flavor; with its greatest distinguishing quality—that of being rust-resistant. Those who grow asparagus in quantity for marketing. will appreciate this feature.
Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 65 cts.; 1 lb., $2.00.

ROOTS of Asparagus are offered on page 157.

BEANS

CULTURE. A light loam is best. Plant as soon as the ground has become thoroughly warm, in rows from two feet for hand cultivation, to three feet apart for horse cultivation, and every two weeks for a succession. Cultivate thoroughly and often, keeping a mulch of loose soil at all times but when in bloom, cultivate shallow, as deep cultivation at this time causes many blossoms to drop, decreasing the yield. One pound for 100 feet of row, 45 to 100 pounds per acre. For inoculation see Nitragin offer on page 139.

PRICE OF BEANS. Prices quoted for pkt., ½-lb., lb., and 2 lbs., are postage paid by us. If ordered by express or freight, in these quantities, deduct at the rate of 10 cts. per lb.

GREEN PODDED BUSH BEANS

Dwarf Horticultural. (Roman Bean.) (40 days.) A favorite in Italian gardening, becoming popular everywhere. The curved pods of medium length are gay with carmine splashes on the successively green to yellow skin. The beans are fair-sized, tender, and of fine flavor; equally good as snaps, shelled or dried.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts. 10 lbs. or more by express at 25 cts. per lb.

GREEN PODDED BUSH BEANS—Contd.

Early Bountiful. (42 days.) Very good looking, hardy and very vigorous plants, practically rust and mildew proof. One of the very first beans available in spring, prolific at all times, and among the latest to quit production in the fall. The pods are uniform, extra long, broad, meaty although flat, absolutely stringless and continuously brittle; of rich green color and distinctive flavor. As shell beans, they are of an unusual quality. either green or dried.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.
10 lbs. or more by express at 28 cts. per lb.

Black Valentine. (40 days.) Vigorous; very long and slender round pods of quality. For very early planting it stands cold and damp soil better than any other sort. Absolutely rustproof, seed black.
Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 60 cts.
10 lbs. or more by express at 20 cts. per lb.

Red Valentine. (40.) A standard early variety. Pods of medium length, round, fleshy, tender and of good flavor; seed long, of medium size.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 70 cts.
10 lbs. or more by express at 20 cts. per lb.

Stringless Green Pod. (40.) One of the earliest and hardiest, producing an abundance of handsome round pods, many of which measure 6 inches in length, practically stringless. In addition to the excellence of its eating quality, and stringlessness, this variety has a long bearing season. which makes it very desirable for the small garden. Seed dark brown.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.
10 lbs. or more by express at 25 cts. per lb.

Improved Golden Wax

YELLOW PODDED or WAX BUSH BEANS

Davis Kidney Wax. (40 days.) This returns a large yield of handsome pods which are long, flat, clear waxy white and do not stain in canning. One of the best sorts for market as it ships well, delivering in good condition.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.
10 lbs. or more by express at 28 cts. per lb.

Dwarf Unrivalled Wax. Notable as the earliest wax pod bean. Admirable for its beauty; quickly acquiring the transparent yellow color from base to tip, without blemish. The pod is a straight six inches, only the tip curving, to increase its artistic appeal and avoid contact with the dirt. An extremely heavy cropper noticeably free from rust and blight, the beans of excellent flavor, in pods of long-season tenderness.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.
10 lbs. or more by express at 28 cts. per lb.

Early Wonder Wax. The very earliest wax bean, becoming edible in 35 days, and bearing bountifully during a long season, apparently regardless of whether it is wet or dry. Makes a strong plant 18 inches high with ever greater spread, always well set with pods 5 to 7 inches long. These are flat, plump, meaty, and of a tender brittleness; their clear yellow color seldom scarred by rust.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.

Improved Golden Wax. (40 days.) Pods are of good length, oval and quite thick, entirely stringless; of clear, waxy, golden yellow color, and fine buttery flavor. Seed white, mottled brown.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.
10 lbs. or more by express at 25 cts. per lb.

Pencil Pod Black Wax. (40.) An extremely prolific cropper, of true bush form, maturing early; beans measure 6 to 8 inches long, only slightly curved and of pencil thickness; brittle, stringless, a bright golden color.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.
10 lbs. or more by express at 25 cts. per lb.

Round Pod Kidney Wax. (40 days.) Two popular characteristics of this bean are its freedom from disease and the abundance of large, lemon yellow, fleshy round pods which hang thickly on the plants, of fine flavor, stringless and free from rust.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.
10 lbs. or more by express at 28 cts. per lb.

Wardwell's Kidney Wax. (48 days.) One of the most popular in this section, the large size of the pods making it especially desirable for either home or market use. The strong vines yield abundantly, pods long, flat, broad and of a delicate waxy yellow, brittle and of the best quality. Seed white, mottled with dark around the eye.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.
10 lbs. or more by express at 28 cts. per lb.

FIELD BEANS

White Marrow. (60 days.) Extensively grown for sale as a field bean for winter use. Seeds large white, twice the size of the Navy or Pea bean.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 70 cts.
10 lbs. or more by express at 22 cts. per lb.

Navy. (60) A sure cropper, productive, and best quality; much desired for baking. Dry beans, small, oval, white; green podded.
Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts.
10 lbs. or more by express at 22 cts. per lb.

Red Kidney. (60 days.) Large flat pods well-filled with red, kidney-shaped beans. One of the best varieties for use as a dry cooking bean.
Pkt., 10 cts ; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 70 cts.
10 lbs. or more by express at 20 cts. per lb.

White Kidney. (60 days.) Pure white beans even larger than Marrowfat, cooking up as quickly as potatoes when dry; of delicious flavor and tempting appearance in their green-shelled stage.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 70 cts.
10 lbs. or more by express at 22 cts. per lb.

Kentucky Wonder Pole Bean

POLE OR RUNNING BEANS

Plant from 10th to 15th of May in this latitude. The soil should be well enriched. Set poles 4 feet apart each way and plant six to eight beans around them; when well started, thin to three plants to each hill. The pole Limas are separately offered under "Lima Beans."

Early Golden Cluster Wax. (72 days.) The finest of all the wax podded pole beans. It bears profusely its large, flat, golden yellow pods in clusters of three to six from bottom to top of pole, and continues in bearing long. Seed white.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.
10 lbs. or more by express at 25 cts. per lb.

Old Homestead or Kentucky Wonder. (65 days.) An excellent green podded variety; enormously productive, the long pods hanging in great clusters along the entire vine. Seed dark brown. Of varying pod length, but in their best young, brittle and most delectable state will average 7 to 8 inches. Not only the first Pole Bean to bear, but usually the last as well, an all season provider.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 70 cts.
10 lbs. or more by express at 25 cts. per lb.

Kentucky Wonder Wax. (50 days.) One of the earliest bearing pole beans, producing liberal crops of straight, thick, meaty, light yellow pods 8 to 9 inches long. These are brittle and delightfully flavored, similar to the older Kentucky Wonder, but with marked difference in shape and color.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.
10 lbs. or more by express at 25 cts. per lb.

Lazy Wife. (70 days.) One of the best for snaps of the later green podded Pole Beans. Pods borne in large clusters, are long, broad, thick, fleshy. Dry beans are excellent for winter use. Seed white.
Pkt., 10 cts.; ½ lb., 20 cts.; lb., 40 cts.; 2 lbs., 70 cts.

POLE LIMA BEANS

Being tender and liable to rot in the ground if it is cold and wet, must be planted later, say about the last of May or first week in June. Plant about 1 inch deep, with the eye down. Seed is very large, flat and usually white.

Set poles 3 feet apart at time of sowing. Be liberal with seed, but thin to three or four plants.

Carpinteria. A new early variety which bears abundantly, with three to five large, meaty beans to the pod. These are of rarest flavor and quality, retaining their distinguishing green color even after being dried. We would say this sort is one of the very best.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.
10 lbs. or more by express at 25 cts. per lb.

Early Leviathan. (75 days.) Very productive, pods contain from three to four large tender beans of the best quality and fine flavor.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 80 cts.
10 lbs. or more by express at 25 cts. per lb.

Giant Podded. (90 days.) A prodigious cropper, with great clusters of well filled pods. both pod and beans very large. A little earlier as a rule than King of the Garden; of excellent quality.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.
10 lbs. or more by express at 25 cts. per lb.

King of the Garden. (90 days.) A vigorous grower bearing profusely. The beans are of good size and have a flavor unsurpassed by any variety.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.
10 lbs. or more by express at 25 cts. per lb.

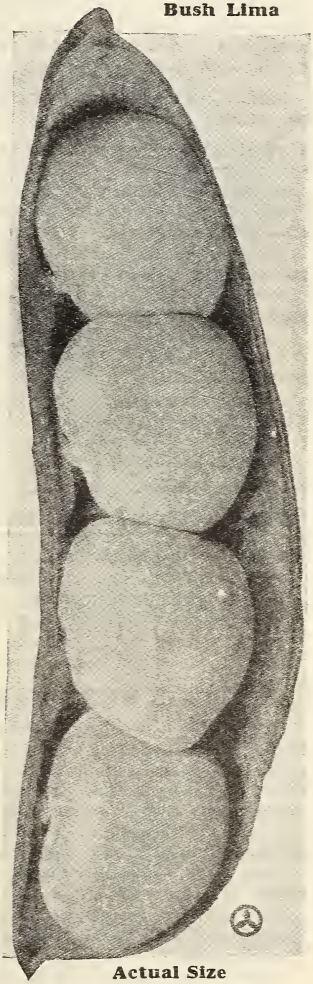
BUSH LIMA BEANS

Identical with the pole varieties in size of pods. Plant in 3-foot rows, 4 inches apart; or in hills, 2 feet apart in the row.

Burpee Improved Bush Lima. (85 days.) Excellent flavored beans, borne on large vigorous plants. Extremely prolific, hanging in enormous clusters. Pods contain from four to six beans of greenish white color.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.
10 lbs. or more by express at 28 cts. per lb.

Fordhook Bush Lima. (80 days.) This is of an ideal bushy growth with stiffly erect stem and branches. It is an enormous bearer of plump well-filled pods which are borne in clusters of four to six, all ready for use at the same time. The beans are large, thick, and of most excellent quality.
Pkt., 10 cts.; ½ lb., 30 cts.; lb., 50 cts.; 2 lbs., 90 cts.
10 lbs. or more by express at 30 cts. per lb.

Fordhook Bush Lima



Actual Size

Crimson Globe Beets

BEETS

Beets should have a rich loam soil. In preparing your seed bed, pulverize as fine as possible. Cultivate thoroughly and often. Sow as early as ground can be worked, in drills from 12 to 18 inches for hand culture, to 2½ feet for horse cultivation; cover to a depth of 1 to 2 inches. Continue sowing every 10 days for a succession. Thin to a stand of 4 to 6 inches apart in the rows. **One ounce to 60 feet of drill; 5 to 6 pounds per acre.**

PRICE. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

Crimson Globe. **(45 days.)** Of fine shape, with a smooth and attractive dark red skin and small tap root. The interior is a rich deep crimson and fine grained in texture.

Crosby's Egyptian. **(40 days.)** Improved Early Egyptian; thicker, smoother, better color and quality.

Detroit Dark Red Turnip. **(50 days.)** Globular; smooth, dark blood red; flesh bright, tender, sweet.

Early Model. **(45 days.)** Early, of perfect globe shape, and fine quality. The beets are always smooth, of the deepest blood red color and quickly attain a good size.

Eclipse. **(45 days.)** Early, extra fine quality, smooth, round; skin and flesh red, fine grained and sweet.

Early Wonder. **(40 days.)** Suitable for either spring or fall sowing. Roots are globe shaped and uniform, small tops; skin and flesh very deep red.

Half Long Blood. **(65 days.)** Best for winter use.

Swiss Chard Lucullus. The plants grow to a height of 2 to 2½ feet. The stalks are heavily ribbed, and from 10 to 12 inches long below the leaf; are delicious when cooked and served in the same manner as asparagus. The leaves are large, heavily crumpled or "savoyed," crisply tender and of fine flavor. The leafy portion of the foliage is cooked and served in the same manner as spinach.

SUGAR BEETS and MANGELS

Thinned to 8 to 12 inches in the row. Thorough and frequent cultivation is essential when young, but discontinue as soon as the roots mature, indicated by drying of leaves. Store in earth covered heaps.

Giant Half Sugar Rose. **(95 days.)** White, with a rosy top; flesh pure white.

Golden Tankard. **(95 days.)** A golden fleshed mangel; roots half long and very large.

Klein Wanzleben. **(65 days.)** A large yielder, grown for sugar, and winter food for cows.

Mammoth Long Red. **(115 days.)** Long, smooth roots of large size.

PRICE: Oz., 10 cts.; ¼ lb., 20 cts.; lb., 65 cts. 10 lbs. or over by express at 50 cts. per lb.

BRUSSELS SPROUTS

Highly esteemed for boiling during the late fall and winter months. The sprouts resemble miniature cabbages, growing closely to the stalk of the plant, being produced in abundance from tip to ground level. Quality and flavor much improved by frost. Seed should be sown thinly in drills early in June, the plants reset when 6 inches high into rows 3 to 4 feet apart, 18 to 24 inches apart in the row.

Improved Dwarf. **(125 days.)** The very best Long Island grown seed. Grows 1½ feet high, and is very productive. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.

CAULIFLOWER

Early Snowball Cauliflower

CULTURE. Cauliflower are partial to a rich fibrous loam well charged with humus. An occasional light dressing of nitrate of soda and potash are beneficial. Make the soil as fine as possible for every transplanting, and do not allow the young plants to become checked at any time for want of water. For spring and early summer use, sow in January or February in hotbed, and transplant to cold frames 2 or 3 inches apart, when sufficiently large; and to the garden 24 to 30 inches each way, as soon as the ground is warm enough. For late autumn crops sow in the early part of June, and transplant in July. When the heads are formed, tie the leaves up over them to blanche.

Danish Giant or Dry Weather. **(100 days.)** A late variety and a splendid drouth resister. Heads are large and while not so close as Snowball or Erfurt it makes a splendid pickling type. Sure header even in dry weather. Pkt., 20 cts.; ¼ oz., 75 cts.; ½ oz., $1.35; oz., $2.50.

Early Snowball. **(90 days.)** Very early, and one of the surest to head. If seed is sown March 1st, large-sized heads will be produced early in June. Its dwarf habit of growth renders it one of the best for forcing under glass. Valuable for late planting also. Pkt., 20 cts.; ¼ oz., 75 cts.; ½ oz., $1.35; oz., $2.50.

CABBAGE

CULTURE. The early varieties should be sown very early in the spring in hot bed or later in open ground. Plant out 18 inches by 2 feet apart. The late varieties are usually sown by the last of May and the plants set out in July, in rows 3 feet apart and 2 feet apart in the rows. One ounce will produce 3,000 plants. One-quarter pound of seed in beds enough for an acre.

All Head Early. **(90 days.)** Of the flat head type. The earliest of all large cabbage. They are solid.
Pkt., 10 cts ; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

American Drumhead Savoy. **(110.)** The Savoys excel all other cabbages in flavor, and this is the best of the Savoys.
Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 85 cts.; lb., $3.00.

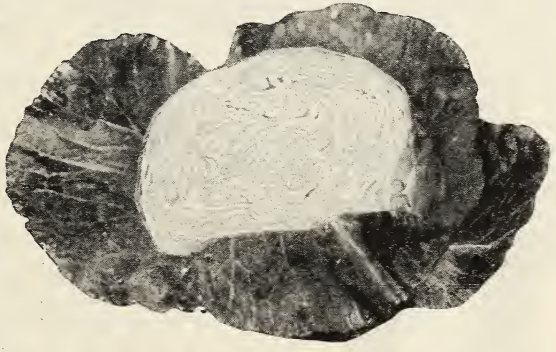
Copenhagen Market. **(75 days.)** Produces magnificent heads similar to Danish Ball Head, weighing from 8 to 10 pounds. We unhesitatingly recommend this variety to commercial grower and home gardener alike, as worthy of extensive planting.
Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00. lb., $3.50.

Danish Ball Head. **(120 days.)** Dutch Winter or Hollander. The heads are of medium size, solid and deep, averaging in weight nearly 8 pounds. Their quality is superior and they are just as solid in spring as when put away in the fall.
Pkt., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.75.

Early Jersey Wakefield. **(75 days.)** This is the hardiest and the hardest heading of the extra early sorts, and most Northern gardeners depend upon it for their first crop.
Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., $3.00.

Eukhuizen Glory. **(80 days.)** An excellent early variety that has become very popular with the market gardeners. Heads are medium sized, dark green color, solid and heavy.
Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.

Copenhagen Market



Golden Acre Cabbage. Sliced to show firm head.

Chinese Cabbage

Golden Acre. **(70 days.)** A recent Danish introduction, valuable for these important features: extreme earliness; uniform size and development, with the desirable firmness of later sorts; extra hardiness, which maintains perfect condition a long time in the field and on far shipments. Round heads of medium size.
Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50; lb., $5.00.

Mammoth Rock Red. **(110 days.)** By far the best, largest and hardest heading Red Cabbage ever introduced. The plant is large, with numerous spreading leaves, and the head large, very solid, deep red inside as well out.
Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00.

Premium Flat Dutch. **(110 days.)** A good cabbage for late use. It possesses all the good qualities of the late Flat Dutch, and is a sure header.
Pkt., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Sure Head. **(100 days.)** Makes a solid large head, with few outer leaves. A strong, vigorous grower.
Pkt., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

CHINESE CABBAGE

CULTURE. For early use sow in hot bed in February or March. When 4 inches high transplant, if the weather is suitable, 1 foot apart in 2½-foot rows. For late or main crops, sow in August or early September.

Pe Tsai. While not a cabbage, it is closely related, both belonging to the Brassica family. When well grown, makes a head 15 inches long and 4 to 5 inches in diameter, blanching to a beautiful white. May be eaten as a salad or is delicious when cooked in the various ways cabbage is served.
Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00.

CARROTS

Chantenay Carrots, Illustrated

CULTURE. Cover the seed about ½ inch, pressing the soil firmly. Sow as early in spring as the ground can be worked; and for late crop from May 1st to June 1st, in drills 15 inches apart. Thin to 3 or 4 inches apart in row. 2½ lbs. of seed will sow an acre, or 1 oz. to 200 feet of drill.

Chantenay. **(60 days.)** Uniform shape, intermediate in size, deep golden orange; fine for table use.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

Danvers. **(75 days.)** A smooth carrot of good size. One of the best for stock feeding.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

Guerande or Ox Heart. **(75 days.)** A variety good either for family use or market, and profitable for feeding.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

Improved Long Orange. **(75 days.)** A long variety.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

Improved Nantes. **(65 days.)** Half-long, almost cylindrical, blunt end and very small tap root. Flesh fine grained, with very little core, the skin orange, and very smooth; one of the best table sorts.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.50.

CELERY

Desirable for Home Garden or Market

Golden Self-Blanching

3,000 to 5,000 plants from one ounce of seed.

CULTURE. Sow in open ground as soon as the soil can be perfectly worked; roll or firm the lightly covering soil to retain moisture, as the seed is slow to germinate. Sowing in rows 10 to 12 inches apart is preferable to broadcasting; this means allowing cultivation to be kept up.

Transplant in July to a previously prepared bed made considerably richer than seed bed, 6 to 8 inches apart in the row. Single rows should be 4 feet apart; but twin-rows 10 inches apart (doubling returns with the same labor) should skip 6 feet.

Columbia. **(110 days.)** An early maturing sort, of medium height, but very stocky and heavy; the foliage a distinct light green tinged yellow. The stalks are thick, almost round, a rich yellow tint, unsurpassed in quality.
Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.20; lb., $3.75.

Easy Blanching. **(110 days.)** Crisp and delicious, attractively colored. Plants set out in June are fully matured and ready for use early in September.
Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.50; lb., $5.00.

Golden Self-Blanching. **(110 days.)** Rarely, if ever, pithy; and of a rich golden yellow color, self-blanching. Our seed is genuine French grown, of finest quality, in greatest demand among market gardeners.
Pkt., 10 cts.; ½ oz., 65 cts.; oz., $1.00; ¼ lb., $3.50.

Giant Pascal. **(135 days.)** For second early and mid-winter use. The stalks are large, thick, solid, crisp and of a rich nutty flavor, free from bitterness.
Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25; lb., $3.50.

White Plume. **(120 days.)** Its eating qualities are excellent; its white feather-like foliage a real table ornament.
Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.00.

Winter Queen. **(140 days.)** This is one of the finest varieties for winter use. Makes a stocky, vigorous growth, blanching readily to a beautiful creamy white. Hearts are large and solid, very crisp and tender.
Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.00.

Celery Seed for Flavoring. Excellent to use for flavoring soups, pickles, etc., although germination is too poor for use as seed.
Oz., 10 cts.; ¼ lb., 25 cts.; lb., 65 cts.

Celeriac Giant Prague. **(125 days.)** The root is turnip-shaped, sweet and tender, and may be cooked like turnips or eaten like radishes; used largely for seasoning meats and soups.
Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb , 75 cts.

Giant Pascal Celery

Don't miss our Diamond Jubilee Special Offers. See page 90

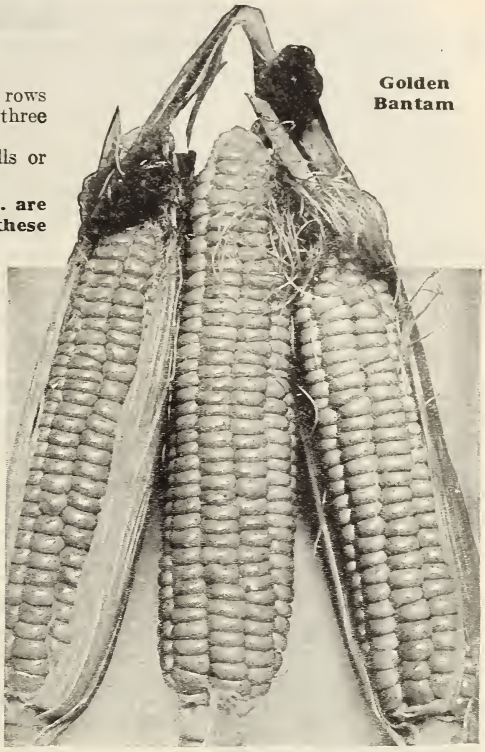
SWEET CORN

Early and Tender

CULTURE. Plant in hills 3 feet apart each way, or in 4-foot rows with hills a foot apart. Cover only a half inch; and thin out to three plants to a hill.

One pound plants 150 hills; 8 to 12 pounds per acre; in drills or broadcasted for fodder 20 to 50 pounds per acre.

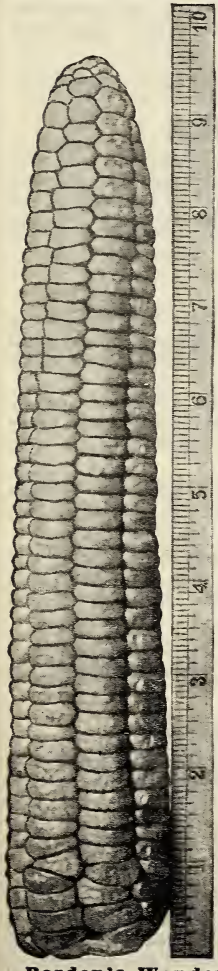
Please note that prices quoted for pkt., ½ lb., lb. and 2 lbs. are postage paid by us. If ordered by express or freight, in these quantities, deduct at the rate of 10 cents per lb.



Golden Bantam

EXTRA EARLY VARIETIES

Golden Bantam. (60 days.) Whatever the reason, you all know it for a fact that this is the most popular sweet corn ever used. "Golden Bantam" is a household word. Older, contemporaneous and future varieties must compare with it for rating. Matures with the earliest and by making a planting every two weeks, may be had from early summer until frost. Kernels are a rich golden yellow, tender, with a flavor exceptionally rich and pleasing. Ears are eight rowed, 6 to 7 inches long, just the right size for serving on the cob. Sweetest of all corns.
Pkg., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 65 cts.
10 lbs. or more by express at 20 cts. per lb.



Barden's Wonder Bantam — Illustrated to show the increased length of ears.

Barden's Wonder Bantam. (60 days.) This improved type exemplifies Golden Bantam at its best—early, richly colored, plump, juicy and distinctively flavored; but going further towards perfection from the Marketer's and Canner's standpoint, Barden's Wonder produces higher up on taller stalks (5 to 6 feet); ears much longer (8 to 10 inches long), thus greatly increasing the tonnage per acre and consequent profit, at no sacrifice of earliness or Bantam quality.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.
10 lbs. or more by express at 25 cts. per lb.

Extra Early Adams. (52 days.) Not a sweet corn, but is so hardy that a planting may be made before it is safe to plant the sweet varieties. Roasting ears may be had extremely early and are of good quality.
Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 60 cts.
10 lbs. or more by express at 18 cts. per lb.

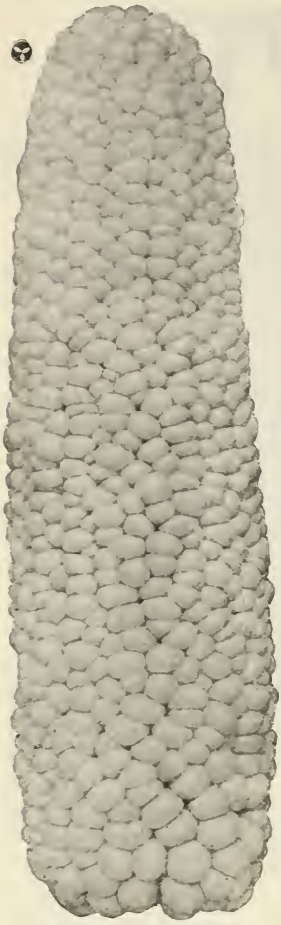
Howling Mob. (65 days.) This is a very popular variety. It is the largest eared of all the early sorts and usually produces two ears to the stalk. Ears from 7 to 9 inches long, well protected with husk, kernels large and pure white. A fine variety for market.
Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 65 cts.
10 lbs. or more by express at 20 cts. per lb.

Kendel's Early Giant. (65 days.) Early, yet the ears grow to a remarkable size, measuring 8 to 10 inches in length, with usually twelve rows to the ear. Kernels are pure white and of splendid eating qualities. This variety is a prime favorite with the market gardener and is an excellent sort for the home garden.
Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 65 cts.
10 lbs. or more by express at 20 cts. per lb.

Mammoth White Cory. (65 days.) Large ears with twelve rows of perfectly formed kernels. The grains are large, pure white and of excellent quality. For an early pure white sugar corn this old favorite is unsurpassed by any.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 35 cts.; 2 lbs., 65 cts.
10 lbs. or more by express at 20 cts. per lb.

"HOW To LANDSCAPE YOUR HOME GROUNDS"

A practical book filled with plans and suggestions on landscaping the small home grounds. This book is a supplement to our catalog, especially prepared to help the small home owner in his landscape problems. Send 10c today for your copy.



Country Gentleman

MEDIUM EARLY SWEET CORN

Bantam Evergreen. (70 days.) Bantam Evergreen is the result of a cross between Golden Bantam and Stowell's Evergreen. It has inherited all the good qualities of both parents. It is as sweet as Golden Bantam, the same beautiful color, but in addition has an ear nearly as large as Stowell's. The kernels are deep grained, plump, a beautiful cream color at the eating stage.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 70 cts.
10 lbs. or more by express at 20 cts. per lb.

Country Gentleman. (70 days.) This is sometimes known as shoe-peg from the small peg-like kernels, irregularly placed on the cob. Medium sized ear, with small cob, giving great depth to the kernels. The quality of this variety is fine and is preferred by some to all others. Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 65 cts.
10 lbs. or more by express at 20 cts. per lb.

Early Evergreen. (70 days.) This variety is about ten days earlier with nearly as large an ear as the Stowell's, and equal to it in every other respect.
Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 65 cts.
10 lbs. or more by express at 20 cts. per lb.

LATE SWEET CORN VARIETIES

Black Mexican. (75 days.) One of the most sugary. The grains when first perfected are pure white, and at their best. They then become dark, though still retaining their sweetness. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 70 cts.

Stowell's Evergreen. (80 days.) The old popular variety. Hardy and productive, tender and sugary, remaining a long time in a condition suitable for eating. A good sort to plant for fodder, as it makes a rank growth of heavy forage.
Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 65 cts.
10 lbs. or more by express at 18 cts. per lb.

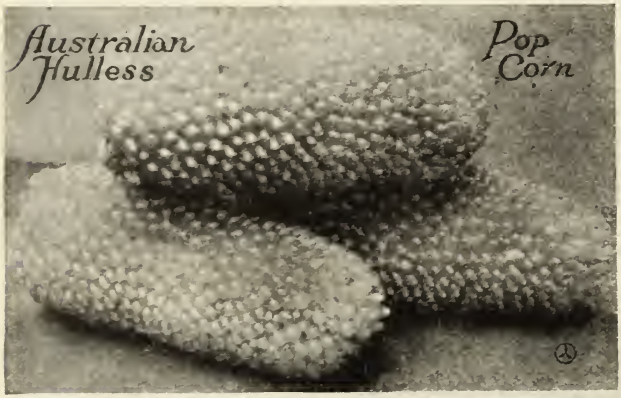
SWEET CORN FOR FODDER

There is nothing better for green-feed or curing for forage than Sweet Corn. Cattle highly relish it and keep in fine condition when fed upon it. Dairy cows who receive a regular ration of corn-fodder give an abundance of milk. Also excellent for soiling. Sow thickly in drills, or broadcast at the rate of 2 bu. per acre. 10 lbs. or more by freight or express at 10 cts. per lb.; 100 lbs. at 8 cts. per lb.

POPCORN

Sow in rows 3 feet apart soon as beans can be planted, using more than one row, to insure polinization, covering 2 to 3 inches deep with fine soil. Thin the plants to stand 10 or 12 inches apart in the row. The ears should be allowed to dry out thoroughly before attempting to pop.

Australian Hulless. Variously known as "Tom Thumb" or "Bumble Bee" popcorn, distinguished by an absence of hull or sheli when popped. Dwarf growing, but a heavy yielder of short, chunky ears. The kernels are pearly white, unusually long and slim, of splendid popping quality and appealing flavor.



Queens Golden. Stalk 5 to 6 feet; two or three large ears each. Kernels rich yellow but pop out pure white over an inch in diameter.

White Rice. Three or four short ears, kernels long and pointed resembling rice in shape as well as its pearly white color. A splendid popper.

All Popcorn: Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts. 10 lbs. or more by express at 15 cts. per lb.

COLLARDS

Georgia. Forms a loose head of cabbage-like leaves which are largely used for greens. May be used as soon as large enough, but are improved with frosts. Sow seed in open ground, and when well started thin to 15 inches apart in the row. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.

Guarantee of Genuineness. **While we exercise great diligence and care to have all of our seeds true to name, and hold ourselves in readiness, on proper proof, to replace free of charge all Seed that may prove untrue to name, or refund the amount paid; it is mutually understood and agreed to between the purchaser and ourselves, that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said Seeds that prove untrue.**

(Signed) **THE STORRS & HARRISON CO.**

75 years of steady progress — our greatest testimonial of fair dealing

The New Longfellow

CUCUMBERS

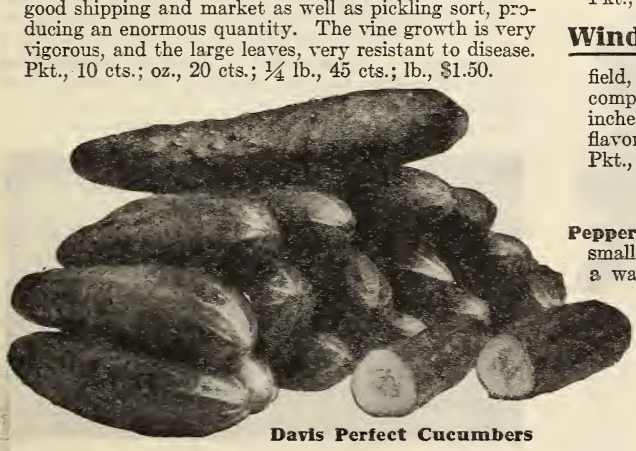
Cucumbers succeed best in rich loamy soil. As soon as the weather becomes warm and settled, plant in hills 4 to 6 feet apart each way, with 10 to 12 seeds in a hill; cover one-half inch deep. Air slaked lime or "Slug Shot" sprinkled on the plants every few days as soon as they are up will protect them from the striped beetle. When all danger from insects is past, thin out plants, leaving 3 or 4 of the strongest to each hill. The fruit should be picked when large enough, otherwise it destroys their productiveness One ounce to 50 hills. Two to 3 lbs. per acre.

Arlington White Spine. **(55 days.)** Much improved by careful selection and much superior to the old sort. It is a rich green in color and is very productive. One of the best varieties for forcing, equally good for outdoor planting. Often sown mixed with Long Green for assorted pickles.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 35 cts.; lb., $1.25.

Cool and Crisp. **(65 days.)** Fruits are straight, long, slim and even, a healthy dark green. Very productive, and by reason of its uniform shape, makes one of the best pickling sorts, also excellent for slicing.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.50.

Davis Perfect. **(50 days.)** A first-class variety for forcing under glass; also for outdoor culture, and shipping. The color is a dark glossy green, long, slim in shape. It is tender and of exceptionally good flavor.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.50.

Early Fortune. **(52 days.)** For a good all-round cucumber this distinctive variety is the finest yet introduced. The rich dark green fruits when matured at the slicing stage average 7½ to 8 inches in length and retain their color remarkably long. The flesh is firm, with a small seed cavity, making it a good shipping and market as well as pickling sort, producing an enormous quantity. The vine growth is very vigorous, and the large leaves, very resistant to disease.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.50.



Davis Perfect Cucumbers

Early Cluster. **(50 days.)** Vines vigorous, producing the crop near the roots and in clusters. Fruits short, early and of good shape for pickling. Very prolific.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.25.

Everbearing. **(65 days.)** The young fruit is symmetrical, deep in color and crisp. It is of medium size and makes a fine pickle.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.50.

Improved Chicago Pickling. **(68 days.)** Very popular with the market gardeners. Fruit is of medium length, pointed at each end with large and prominent spines, color deep green; extremely prolific.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 35 cts.; lb., $1.25.

Improved Long Green. **(65 days.)** Slicing and pickling. Of excellent quality, dark green, firm and crisp.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.50.

Lemon Cucumber. **(55 days.)** Shaped and colored like a lemon, with fine bitter-free flavor. May be eaten green, but is best just as it is turning yellow. Makes excellent pickles, but excels for slicing and salads.
Pkt., 10 cts.; oz., 25 cts.

The New Longfellow. A short description for a long cuke. The fruit averages 12 to 14 inches in straight length by about 2½ inches diameter, and is borne early and in real abundance despite its great length. One of the very few cucumbers which, when grown out doors, resembles the hot-house type; holding its dark green color until the last, and being in all other respects equally desirable.
Pkt., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.25.

West India Gherkin. Grown exclusively for pickles, to be picked when young and tender. Oval, 2 to 3 inches long, and thickly studded with heavy spines.
Pkt., 10 cts.; oz., 25 cts.

Windermoor Wonder. A notable new variety both profitable in the field, and an ideal forcing type. The fruits are firm, comparatively seedless, of uniform slim shape 12 to 16 inches long, persistent dark green color, and excellent flavor.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.50.

CRESS

Pepper Grass—Extra Curled. Extensively used as a small salad with lettuce. The leaves while young have a warm pungent taste. Sow rather thick in shallow drills, and at short intervals during the season.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.

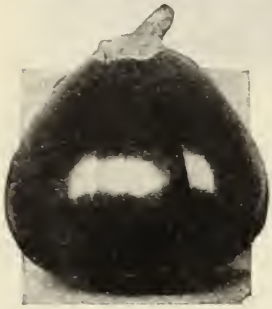
This is the 40th year I have ordered from you, seeds, flowers, trees, grapes, berries, etc.

JOHN H. APP.,
16, Ambrose Court,
Akron, O.

DANDELION

CULTURE. **(55 days.)** Sow early in spring in drills 18 inches apart; thin out and cultivate; they will be fit for cutting the next spring. For roots, sow in September, and cultivate well; they will be fit to dig next October. Our seed is from carefully selected thick-leaved stocks.

Pkt., 15 cts.; ½ oz., 40 cts.; oz., 75 cts.



Egg Plant

EGG PLANT

CULTURE. Sow in hot bed early in spring; transplant 2½ feet apart each way after weather becomes settled and warm. If no hot bed is at hand, plants may be started in pots or boxes. The potato beetle is very fond of the plants. Paris green applied same as to potatoes will keep them in check. One ounce to 1,000 plants.

Black Beauty. **(140 days.)** The fruits are broad and thick, of attractive form and finest flavor; rich purplish black, entirely free from spines or thorns.

Improved Large Purple. **(125 days.)** Fruit remarkably large, often measuring 12 inches in depth and 9 inches in diameter, weighing 5 to 6 pounds.

Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.

ENDIVE

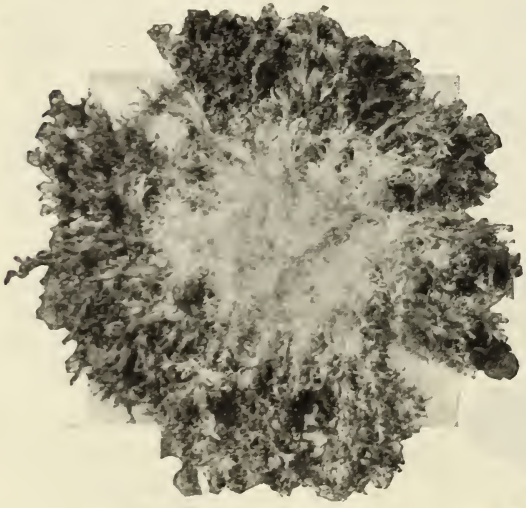
A fall and winter salad. For early use sow in April; for late or main crop, in June or July, in drills 14 inches apart; when 2 or 3 inches high thin to 1 foot apart in the drills. When fully grown should be blanched.

Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.

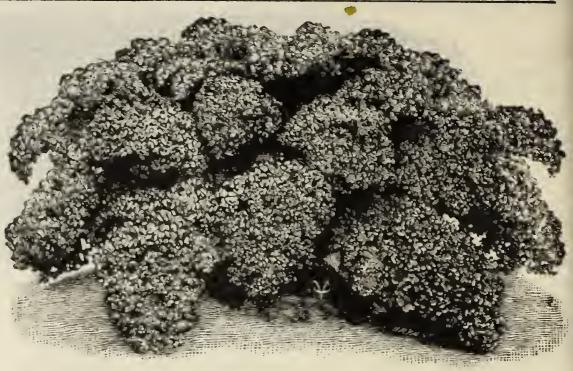
Large Green Curled. **(40 days.)** A broad leaved variety.

White Curled. **(35 days.)** Pale green, mid-rib yellow.

Broad Leaved Batavian. (Escarolle.) **(45 days.)** Good as a salad or cooking like Kale or Mustard.



Endive, Green Curled



Dwarf Green Curled Kale

KALE

CULTURE. Kale is one of the hardiest of "Greens" belonging to the Cabbage family. Sow either in rows or broadcast; in early spring, for summer and fall use; August or September for spring use. One or 2 pounds to an acre. One oz. of seed should produce about 3,000 plants.

Dwarf Green Curled. **(55 days.)** This is the most popular variety, dwarf and very hardy, with splendidly curled leaves, tinged slightly with yellow.

Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.

KOHL RABI

A turnip-rooted cabbage, the edible part being the bulb which grows on a stalk a few inches above the ground. Use before bulbs get to be more than 2 inches thick, as all varieties are tough and stringy when overgrown. It is well to remove the thick outer skin before boiling. They may be served just like turnips. **CULTURE.** The seed should be sown in the spring ¾-inch deep in drills 2 feet apart. When the plants are a few inches high, thin to 8 inches apart. Two pounds of seed for one acre.

PRICE. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.

Early White Vienna. **(50 days.)** Dwarf, small, early; bulb handsome, firm, glossy white; the best variety for the table.

Purple Vienna. **(70 days.)** A fine purple type much liked for later use.

LEEK

American Flag. **(70 days.)** Closely allied to the Onion, it is used in soups, stews, or boiled whole and creamed; its mildness and distinctive flavor making it very popular. The entire lower portion, or neck, of the plant is used. Sow early in the spring in drills 1 inch deep and 1 foot apart. When 6 or 8 inches high transplant as deep as possible, that the neck may be blanched. One ounce to 150 feet drilled.

Pkt., 10 cts.; oz., 30 cts.

LETTUCE

CULTURE. Lettuce seed should be covered very shallow to secure germination, especially the black seeded if sown under glass or in the house. For early Spring use sow in September and protect through the winter in cold frames the same as cabbages, or sow in hot beds in March and transplant to open ground as soon as it can be worked. For late supplies sow in the open ground as soon as the season will permit, in rows 1 foot apart; thin out plants 1 foot apart in rows. If sown every 2 or 3 weeks to the middle of August, it may be had in perfection the entire season. One ounce will sow 125 feet of drill and produce 3000 plants.

Big Boston. (45 days.) Of the head types it is easily the leader, giving equally good results under glass or in the open. Leaves are light green and very tender. Our strain of this variety is unsurpassed.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Black Seeded Simpson. (40 days.) The leaves are thin, tender, and of a light green color; very early.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

California Cream Butter. (42 days.) A very popular variety of head lettuce. Forms a large head of a rich buttery flavor. Leaves are thick, the outer ones green, slightly tinged with brown. An easy sort to grow and ship.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Denver Market. (45 days.) An early lettuce for forcing or open ground culture. The leaves are beautifully curled and crimped. Crisp, tender and of excellent flavor.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Early Curled Simpson. A compact mass of yellowish-green leaves. Earlier than head lettuces.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Early Prize Head. (50 days.) Bright green, tinged with brownish red, of superb flavor, tender and hardy.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

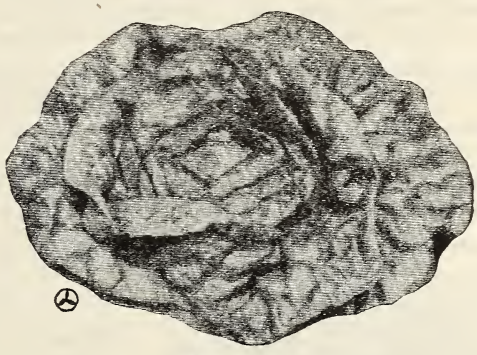
Grand Rapids. (38 days.) As a forcing variety for winter and early spring use this stands at the head of the list.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Improved Hanson. (45 days.) Heads large, fine form, deliciously sweet, tender and crisp, color green outside and white within. Intermediate between the loose-leaved and heading varieties (black seeds).
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

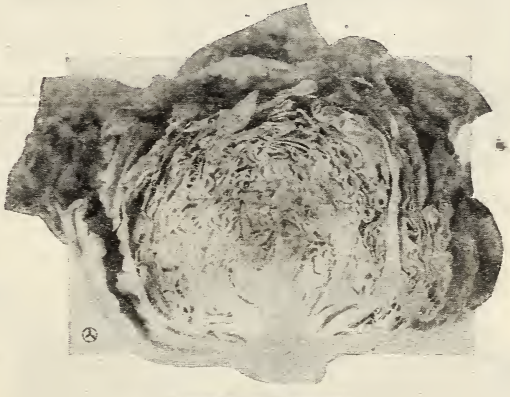
May King. (42 days.) Grown outdoors it is extremely early, maturing handsome light green heads of good size, unsurpassed in quality, and solid enough to make it a good shipper to distant markets. For forcing under glass it is most desirable. A first class all purpose variety.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

New York. ("Wonderful," "Los Angeles.") (55 days.) A remarkable head lettuce famous from coast to coast. In the East called New York, in the West, Los Angeles, both sections agreeing on Wonderful. Immense round heads about 15 inches across, weighing 2 to 3 pounds, crisp and solid as a cabbage. The broad outer leaves are dark green and crumpled, the firm heart a creamy white, tender and delicious. Deep rooted and drought resistant, sure and reliable, slow to seed.
Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.25.

New York or Wonderful



May King



Improved Hanson

Wayahead. (42 days.) One of the very earliest and surest to head, either in cold frame or open ground; of large size, tightly folded, the interior blanched to a rich butter yellow. Quality is extra fine throughout the season.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $1.75.

White Self-Closing Cos. (55 days.) Of all celery or Cos lettuce, this is the leader. Beautiful light colored outer leaves, centers blanching to a pure white, very tender and of delicious flavor.
Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Try the Head Lettuce "New York" — a remarkable variety

MUSKMELONS

for All Latitudes

CULTURE. Melons require rich soil. Sow ten to fifteen seeds to each hill, which should be six feet apart each way. When well started thin out to three or four strongest plants. One ounce will sow or plant fifty hills, two or three pounds to the acre.

PRICE, unless otherwise noted: Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Banana. (85 days.) Makes a long banana-like growth. very fragrant and of delicious flavor. Excellent for the home garden.

Bender's Surprise. An oval, heavily netted melon averaging ten pounds of delicious flavor and sweetness. The deep orange flesh is very thick, the rind very firm, which helps hold them in good condition a week after picking.

Early Hackensack. (60 days.) This is an extra early large and productive variety. The fruits are deeply netted, flesh light green; of most excellent quality. Recommended for sections with a short season.

Emerald Gem. (80 days.) Very popular with both home and market gardeners; dark emerald green, with lighter stripes. Flesh very thick, dark salmon.

Fordhook. (70 days.) The thick flesh is very firm, salmon, very highly flavored; seed cavity small; early and continuous; heavily ribbed, medium in size, weighing about two pounds.

Hearts of Gold. (70 days.) Good to look at with its fine netting, fairly distinct ribs, uniform just-right table size, and satisfying abundance. The flesh is a luscious pink and gold, with little waste in seed cavities; flavor unexcelled; shipping profitably.

Nicholson's New Honey Ball. (90 days.) "Sweetest of the Sweet." The sugar sweet flesh of Honeydew encased within the thin, firm, perfectly round rind of Cannonball. Of medium size, hardy, prolific and long keeping, this combination of two fancy types is of exceptional quality when ripened on the vine, and commercial value.
Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Lake Champlain. (57 days.) A new variety which has proved out supreme in numerous widely separated tests for hardiness, earliness, productiveness and quality. The melon is medium sized, intricately netted, moderately ribbed; the flesh is deep, very sweet and melting, of a beautiful golden yellow color. The plants are very vigorous and bushy, ripening perfect fruits even under adverse conditions, far in advance of all competing varieties.

Osage. (Selected.) (75 days.) Of uniform quality, sweet and delicious. The skin is thin, dark green and slightly netted; the flesh deep salmon, of spicy flavor. A good keeper and largely planted.

The lusclous Honeydew

Rocky Ford. (70 days.) Flesh greenish white in color, very juicy and rich and good clear to the rind. Medium, round, oval; an excellent keeper.

Tip Top. (80 days.) Very productive, medium size, nearly round, slightly ribbed and fairly well covered with shallow netting; flesh deep yellow.

Honeydew. (120 days.) Much in demand at fancy prices in the markets. They are nearly round in shape, with a hard, firm white smooth rind that enables them to be safely shipped any distance. The solid fruits may be laid away for deliberate ripening making them available for use even late into fall when other melons are gone. The flavor is unlike that of any other melon and is sweet as honey; flesh firm, light green, with few seeds. Requires rich warm soil and a fairly long growing season.

WATERMELON

CULTURE. The best soil for growing these tempting, luscious products of the field, is sand; but well drained loam if sun-warmed, will produce excellent crops. Plant in hills 8 feet apart each way, using a shovelful of well rotted manure in each hill, thin to 6 plants to hill; after all danger of bugs is past, further thin to 4 plants. Do not plant melon seeds until the ground is thoroughly warmed. Use "Slug Shot" for bugs. One ounce plants 20 to 40 hills or 4 pounds for 1 acre.

The Watson

Cole's Early. **(65 days.)** A choice melon for the home garden. The flesh is bright red, crisp, sweet and of fine flavor, of medium size, but solid, with thin rind. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

Fordhook Early. **(60 days.)** An extra early melon of fine flavor and large size. Color a uniform medium green. Flesh red and sweet.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

Halbert Honey. **(75 days.)** The melons are 18 to 20 inches long, full and round at both ends; skin dark glossy green and flesh a beautiful crimson; excellent for nearby market as well as for home use.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

Harris' Earliest

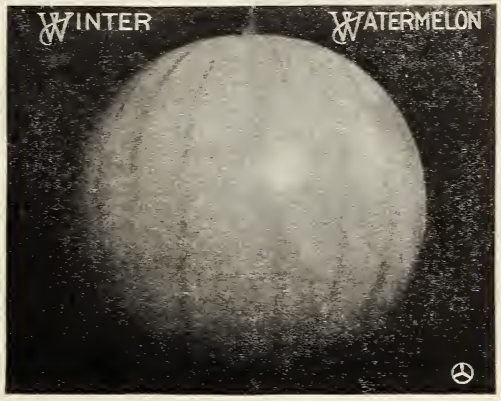
Harris' Earliest. **(60 days.)** The best variety for northern latitudes, largest and sweetest of all the early melons. Oval in shape, green striped with gray, attaining a weight of 20 to 30 pounds. Firm hard rind, shipping well; flesh bright red and tender, very sweet and delicious.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

Irish Grey. **(90 days.)** The tough rind withstands long shipping, and helps the melon to keep well; besides displaying an oval surface of attractively mottled greenish grey. The flesh is an enticing red, firm, sweet and notably free from hard centers and stringiness.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

Kleckley's Sweet. **(70 days.)** The skin is a rich, dark green, the flesh bright scarlet, ripening close to the rind.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

The Watson. **(90 days.)** One of the very best melons introduced to date. Perfect in shape, rind is dark, glossy green, very tough and thin, the flesh dark red, very crisp, no strings and most delicious. Popular, not alone for its luscious flavor and captivating inner beauty, but also for the ease in carrying, stacking and handling due to its uniform elongated shape.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

New Winter Watermelon. A home-grown melon for your Thanksgiving dinner! Genuine mid-season form and luscious flavor carried beyond the melancholy days, when frost has bit the pumpkin and corn is in the shock. This is not a "Citron," nor a freak, but a very prolific long-keeping true watermelon type of medium size, round shape, yellowish rind with flesh bright red, crystalline, sweet as honey. Take fruits from field before frost, and store in cool cellar.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts., lb., $1.50.



EARLY VEGETABLES

Plant early and pluck early is the rule for gardeners who want tender vegetables. These may be planted early: Early Wonder Beets; Lucullus Swiss Chard; Early Jersey Wakefield Cabbage; Early Snowball Cauliflower; Grand Rapids Lettuce; Laxtonian Peas; Onions from seed, White, Silverskin; Onions from sets, Yellow and White; Early Scarlet Globe Radish, and Early White Flat Dutch Turnips.

MUSHROOM SPAWN

Mushrooms are considered a great delicacy by everyone and are always in much demand at fancy prices. Many are devoting their spare time to mushroom culture and are getting big returns for their labor. Nearly everyone has some unused place that might be devoted to mushroom growing. Contrary to general belief, it is not necessary to have specially prepared equipment for this purpose, but advantage may be taken of locations already existent. They can be grown in dark rooms, caves, cellars or under greenhouse benches, where the temperature can be maintained at from 50 to 60 degrees. They may to some extent even, be grown out of doors, in the lawn or orchard. Thus, adding at very little expense, a valuable home crop.

Okra

We furnish complete cultural directions with each order. One brick is required for 10 square feet. Lambert's Pure Culture Spawn. A new departure in cultivation. This method insures the reproduction of a certain type, free from all inferior sorts, that will largely increase the yield and produce the very best mushrooms.

50 cts. per brick, 2 for 90 cts.

By express (not prepaid), 5 bricks for $1.50, 10 bricks for $2.75.

Fordhook Fancy Mustard

FORDHOOK FANCY MUSTARD [50 Days]

For early salads sow in a medium hot bed in March, and for general crop at intervals through the spring, in rows 6 to 8 inches apart, and rather thickly in the rows. Cut it when 4 inches high.

Splendid flavor, can be cooked any time of the year just like spinach and by many is considered far superior.

Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.25.

OKRA

CULTURE. Seed should be soaked before planting to insure quick and even germination; sow in rows 2 to 3 feet apart and thin to 12 to 18 inches in the row. Gather pods when young. It is delicious in soups.

White Velvet. (50 days.) A very popular variety producing long smooth white pods of excellent flavor, very prolific.

Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 75 cts.

ONION SEED

CULTURE. A strong, deep, rich and loamy soil is most suitable, or even a black sandy loam. Muck beds well drained to the depth of 2 feet give large yields. The ground should be heavily dressed with well rotted manure, and plowed a moderate depth, taking a narrow furrow in order to more thoroughly mix the manure with the soil; if possible the plowing should be done in the fall. As early in the spring as the ground is in working order harrow it thoroughly and make as fine and level as possible; sow thinly in drills one-fourth inch deep and 14 inches apart. Keep the surface of the ground open and free from weeds but do not ridge up to the growing bulbs. One ounce will sow 100 feet of drill; 4 to 5 pounds per acre for large onions, 50 to 60 pounds for sets.

Ohio Yellow Globe. **(120 days.)** One of the finest yellow commercial onions grown; of good size, true globe shape, absolutely free from any neck, a solid bulb and fine keeper.
Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.25.

Large Red Wethersfield. **(100 days.)** A standard variety in the East, and the earliest maturing, productive red. Makes a large sized flat onion, deep purplish red in color. The flesh is a purplish white, moderately fine grained and strongly flavored.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

Mammoth Silver King. **(80 days.)** A large, flat but thick, sweet, silvery white Italian variety, maturing very early. On account of its extreme mildness it is one of the best for salads and eating raw. To produce the largest onions, transplant when the young seedlings are 3 to 4 inches high.
Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.00.

Prize Taker. **(100 days.)** A very large onion, hardy, productive and a fair keeper. Outside skin is rich yellow, flesh white, sweet and tender. They bottom well, are free from stiff necks.
Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.25.

Southport Yellow Globe. **(110 days.)** A bright yellow globe mild flavored and highly esteemed. Plants have the typical slender neck of the rigidly selected Southport strain which insures early and dependable maturity, with good keeping quality.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

Southport Red Globe. **(110 days.)** An attractive globe shaped variety; matures quite early, grows large and is very productive; skin deep red; flesh fine grained.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

Southport White Globe. **(120 days.)** Commands the highest Market price; good shape, clear white skin. To retain the white color they should be cured in the shade.
Pkt., 15 cts.; oz., 40 cts.; ¼ lb., $1.25; lb., $3.50.

White Silverskin. **(95 days.)** This is a small silvery white onion. Just the right size for pickling whole for which it is used almost entirely.
Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.00.

Ohio Yellow Globe. Full crates of highest quality onions such as this have long marked the annual crops in our own Lake County, and in many other onion-growing counties, due to the superiority of S. & H. Co. Onion Seed.

ONION SETS

CULTURE. Onion sets should be planted out as early as the ground is dry enough to work in rows one foot apart with sets 2 to 3 inches apart. On this basis, one pound will occupy about 100 linear feet; or plant 300 to 500 pounds to the acre. When raised from sets, the onions can be used in the green state in June, or they will be ripened off by July. Price subject to market changes. Write for quotations on large quantities.

Ebenezer. Very mild white flesh, yellow skin variety. Lb., 35 cts. By express (not prepaid), 5 lbs. or more at 20 cts. per lb.

White. Silver skin. Lb., 35 cts. By express (not prepaid), 5 lbs. or more at 20 cts. per lb.

Yellow Danvers. Lb., 35 cts. 5 lbs. or over by express (not prepaid) at 20 cts. per lb.

PARSLEY

Sow in drills 1 foot apart, in rich, mellow soil; soak the seed 12 hours before sowing, which should be done in early spring, as they are very slow to germinate. When 1 or 2 inches high thin out the plants to 6 inches apart in the rows. Used as a garnish for table, also in soups. Late in the fall, a few plants may be dug up and potted; set in a sunny kitchen window, they will provide fresh leaves for all winter's use.

Champion Moss Curled. **(65 days.)** A compact growing finely cut and beautifully curled variety, the favorite garnish.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

Hamburg (or Rooted). **(100 days.)** Grown for its piquantly edible roots. These are shaped and in size similar to Parsnips, with white flesh, the flavor very much like Celeriac. Useful as flavoring for soups and stews, and often cooked like parsnips. May be dug late and stored in dry sand for winter use.
Pkt., 10 cts.; oz.. 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

Hollow Crown Parsnips

PARSNIP

Parsnips sliced and fried are a nutritious and always acceptable side dish at many a winter dinner; as frequent in use as the dependable old Hubbard Squash.

CULTURE. One ounce will sow 200 feet of drill; 5 pounds for one acre. Sow as early in the spring as the weather will permit, in drills 15 inches apart, covering half an inch deep. When well up thin out to 5 or 6 inches apart in the rows. Unlike carrots they are improved by frost, and it is usual to take up in fall only a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required. If cellar-stored, pack in boxes filled with slightly moist soil.

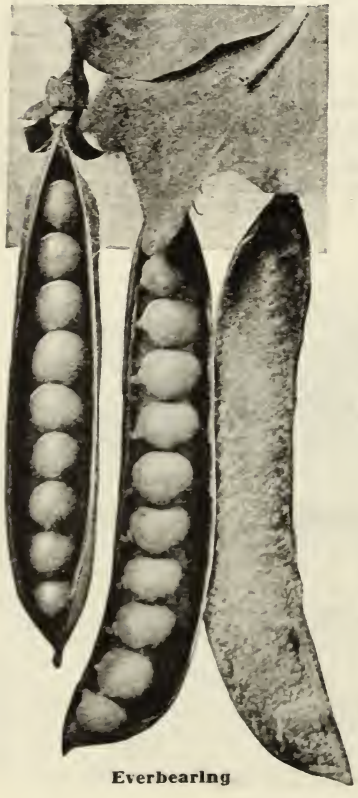
Hollow Crown or Long Smooth. **(85 days.)** Roots oblong, ending somewhat abruptly with a tap root; best variety for general use.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

PEANUTS

Peanuts are an American institution, their delectable aroma and consumption an inevitable feature at all American outdoor sports. It may be a matter of surprise to most northern gardeners that it is not only practical but profitable to raise your own, as well as help supply your local market. The prolific tops are valuable as forage; the nuts for fattening hogs.

CULTURE. Peanuts require light rich soil well lined. Plant in the spring as soon as the ground has become warm, in rows 30 to 36 inches apart, placing the seed 6 to 10 inches apart in the row. It is not necessary to remove the hull when planting. Keep well hoed. When matured pull and hang up to dry.

Valencia. A very desirable and productive Spanish bush type. Mild, sweet flavored, bearing 3 or 4 peas in each hull.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 70 cts.



Everbearing

PEAS—*Sweet and Tender*

S. & H. Fresh Crop Seeds Yield Good Returns

CULTURE. Peas mature earliest in a light, rich soil; for general crop a moderately heavy soil is best. Commence sowing early varieties as soon as ground can be worked, continue for a succession every 2 weeks until June. Sow the early, second early and late varieties at the same time for a succession. One pound for 100 feet of drill; 110-175 pounds for an acre. The wrinkled varieties are more susceptible to cold, wet weather than the small round, hard sorts, hence should not be planted very early except in warm dry locations.

Brush can be used to advantage on all varieties, but the various dwarf growing sorts take care of themselves very well without. If brush is not available, chicken wire is the best substitute for use with the taller growing kinds.

The crop should be gathered as fast as it is fit for use. If even a few pods begin to ripen, not only will new pods cease to ripen, but those partly advanced will stop growing.

PRICE OF PEAS: Price quoted for Pkt., ½ lb., lb., and 2 lbs., are postage paid by us. If ordered by express or freight, in these quantities, deduct at the rate of 10 cts. per lb.

EXTRA EARLY PEAS

These earliest bearing varieties can often be planted early in March; and their early cropping may be taken advantage of to use your lightest strip of soil. The later types need the heavier soil which retains moisture under the hot sun.

Alaska. **(45 days.)** An extra early hardy pea. Pods of perfect shape, well filled with smooth peas of unrivalled quality. Seed blue. Height, 2½ feet.
Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 65 cts.
By express, 10 lbs. or more at 20 cts. per lb.

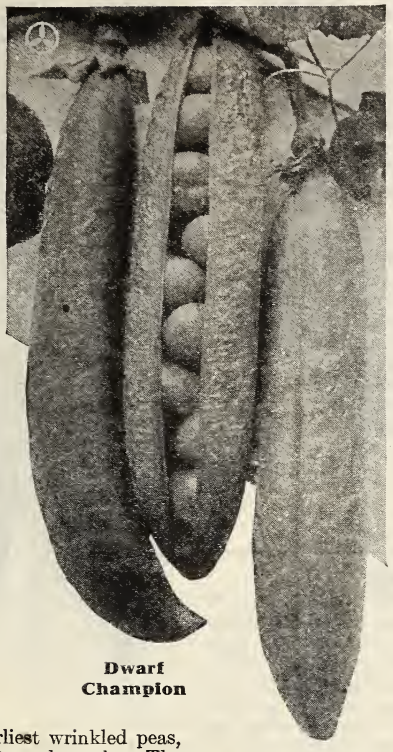
American Wonder. **(55 days.)** An early wrinkled pea, growing from 9 to 12 inches high, and producing well filled pods of the finest flavor.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.
By express, 10 lbs. or more, 25 cts. per lb.

EXTRA EARLY PEAS—Contd.

Blue Bantam. (55 days.) The dwarf, vigorous vines average fifteen inches in height and carry enormous crops of large deep bluish green pods. These measure 4 to 4½ inches long and are tightly packed with 8 to 10 extra large luscious peas. Considered one of the best flavored.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.
By express, 10 lbs. or more, 28 cts. per lb.

Everbearing. (65 days.) Grows about 20 inches high; pods of good length; peas very large, wrinkled and in quality unsurpassed. For continuance and profusion of bearing this variety is unexcelled.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 70 cts.
10 lbs. or over by express at 22 cts. per lb.

First and Best. (45 days.) Pods well filled with round, smooth peas of excellent flavor. Extremely early, productive and hardy. Height 2½ feet.
Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 60 cts.
By express, 10 lbs. or more at 20 cts. per lb.



Dwarf Champion

Gradus. (55 days.) One of the earliest wrinkled peas, very hardy, and can be planted extremely early. The vine grows about 2½ feet high. Pods large and well filled.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.
By express, 10 lbs. or more, 25 cts. per lb.

Hundredfold. (50 days.) Bountiful crops of broad, 4-inch pods which hold usually 8 large, dark green peas of wonderfully rich flavor. The vines are sturdy and heat-resisting, averaging 16 inches.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.
By express, 10 lbs. or more at 25 cts. per lb.

Laxtonian. (50 days.) Dwarf and bushy—about 14 inches—very productive of 4 inch blunt pods containing 8 to 10 peas of unsurpassed flavor.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.
By express, 10 lbs. or more at 25 cts.

Laxton's Progress. (46 days.) The earliest large podded dwarf wrinkled Pea, an improvement on Laxtonian and four days earlier. Pods are 4 inches long, broad and pointed, deep green in color, containing eight large deep green peas, which are of the most delicious flavor.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.
10 lbs. or more by express, at 25 cts. per lb.

Little Marvel. (53 days.) Popular with market gardeners because of its extreme earliness and productiveness. The large dark green pods are usually borne in pairs. Very dwarf, vines growing only 15 to 18 inches high.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.
By express, 10 lbs. or more at 25 cts. per lb.

Nott's Excelsior. (60 days.) This excellent dwarf wrinkled extra early pea is robust and vigorous and produces in profusion handsome pods, closely packed with large peas of fine flavor.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.
By express, 10 lbs. or more 25 cts. per lb.

Premium Gem. (50 days.) Grows about 15 inches high and is among the earliest dwarf, abundant green wrinkled sorts.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.
By express, 10 lbs. or more at 25 cts. per lb.

Thomas Laxton. (50 days.) One of the largest podded of the dwarf peas. Matures with the earliest and is of a delicious flavor.
Pkt., 10 cts.; ½ lb., 25 cts.; lb.. 45 cts.; 2 lbs., 80 cts.
By express, 10 lbs. or more at 25 cts. per lb.

SECOND CROP or Medium EARLY PEAS

Dwarf Telephone or Daisy. (65 days.) A medium late pea of dwarf, stocky habit, healthy, vigorous growth, and productive, bearing large, handsome pods and peas of highest quality.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.
By express, 10 lbs. or more at 25 cts. per lb.

Horsford's Market Garden. (65 days.) A grand wrinkled sort and a prolific bearer. Pods of medium size; peas of a delicious sweet flavor. Two feet high.
Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 65 cts.
10 lbs. or over by express at 20 cts. per lb.

Dwarf Champion. (65 days.) This new pea is one of the finest sorts we have ever tried. Vines make a healthy dark green growth and are well loaded with pods. The peas which are borne crowded in medium sized pods are of the highest quality, possessing the rich flavor of the Champion of England. The growth is very dwarf requiring no support.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.
By express, 10 lbs. or more at 25 cts. per lb.

Late or Main Pea Crop—See page 130.

FIELD PEAS

Canada Field. (White Seeded.) Valuable for soiling purposes. Sow at the rate of 2 to 3 bushels per acre; also sow with oats for green feed; are now quite extensively used for this purpose.
10 lbs. or over by express at 10 cts. per lb.

The Improved Soil Inoculator, Nobbe-Hiltner Process
NITRAGIN
TRADE MARK REG'D. D.C. & JASN. NO. 32217
Restores and Maintains Soil Fertility

Increases yields on beans, peas and sweet peas by forming nitrogen germs that take nitrogen from the air and make stronger and more vigorous plants.

Every garden needs NITRAGIN. Garden size for peas, sweet peas, and beans, including Lima (3-in-1 Inoculant). Price..... 22c

LATE OR MAIN PEA CROP

These late kinds may as well be planted at same time as the earlier ones. The tall varieties do very well planted in double rows with the line of brush set in at same time, allowing 3 feet of space between the lines for thorough cultivation. Do not stint the seed, but scatter in the broad furrows which should be at least 4 inches deep.

Champion of England. **(75 days.)** One of the richest and best flavored peas grown; height 3 to 4 feet, seed wrinkled, whitish green and much shriveled.
Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 65 cts.
By express, 10 lbs. or more at 20 cts. per lb.

Improved Stratagem. **(70 days.)** One of the finest dwarf wrinkled peas. Their quality is unsurpassed, vines grow to a height of 18 or 20 inches, do not require sticking and are loaded with pods that are crowded with immense dark green peas.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.
By express, 10 lbs. or more at 25 cts. per lb.

Telephone. **(70 days.)** One of the finest tall wrinkled marrows yet introduced. Vine strong, producing abundantly. The pods are of large size and filled with large delicious peas. Height 3 to 4 feet.
Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.
By express, 10 lbs. or more at 25 cts. per lb.

Telephone Peas

PEPPERS

CULTURE. Sow in a hot bed in March and transplant to the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows 18 inches apart. They may also be sown in the open ground when the danger of frost is past and the soil is warm and the weather settled. Thorough and frequent cultivation should be kept up until frost; by this means you can have a continuous crop. 1 oz. will produce about 1500 plants; 3 oz. supplies an acre.

Royal King

PRICE: Unless noted, pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.

Chinese Giant. **(130 days.)** Largest of the peppers; chunky, very thick and meaty, 4 to 5 inches across at the base and equally as long, divided into 4 sections. Fine for stuffing and for salads. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 55 cts.; ¼ lb., $1.50.

Early Neapolitan. **(120 days.)** The earliest large pepper, the vigorous plants heavily laden with long handsome fruits. The skin and flesh are bright red; thick-meated, sweet and mild, valuable for market gardeners and pickling establishments.

Goliath. **(120 days.)** Without doubt the largest pepper ever offered. An average yield is 10 full-sized peppers to a plant, packing only 20 to the usual ½ bushel market basket. It is of uniform oblong shape, with smooth, glossy skin; a market eye-catcher and sure sale. Its flavor is sweet, the meat thick, and its season very early. In planting, better give it 30 inches space for plant development.
Pkt., 15 cts.; ½ oz., 40 cts.; oz., 75 cts.

Harris. Earliest of all large-fruited sorts. 4 inches high and 3 inches through. The peppers are deep green, turning to brilliant red, with thick flesh, of sweet, pleasant flavor. ½ oz., 35 cts.; oz., 65 cts.; ¼ lb., $2.00.

Ohio Crimson. **(120 days.)** A vigorous, upright plant, most productive pepper on the market; the large fruits are very mild, ripen earliest of the very large fruited sorts, and average heavier as the flesh is unusually thick. Matures a deep crimson color. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 55 cts.; ¼ lb., $1.50.

Pimento. **(130 days.)** Somewhat different in character from other peppers, and useful in a great many ways. It is thick fleshed, mild and sweet; smooth and glossily green at first, but maturing to bright red.

Red Cayenne. **(125 days.)** A long slim pod, rather pointed and when ripe of a bright red color, extremely strong and pungent. Used for pickling and pepper sauce.

Royal King. **(125 days.)** We believe it the best sweet pepper produced in many years; the plants unusually productive, returning an enormous yield to the acre. Exceptionally large fruited, thick and meaty, its walls more than twice as thick as those of other sorts; very mild—not the least pungent—perfectly sweet. The type is thoroughly fixed, producing uniform fruits both in shape and color.

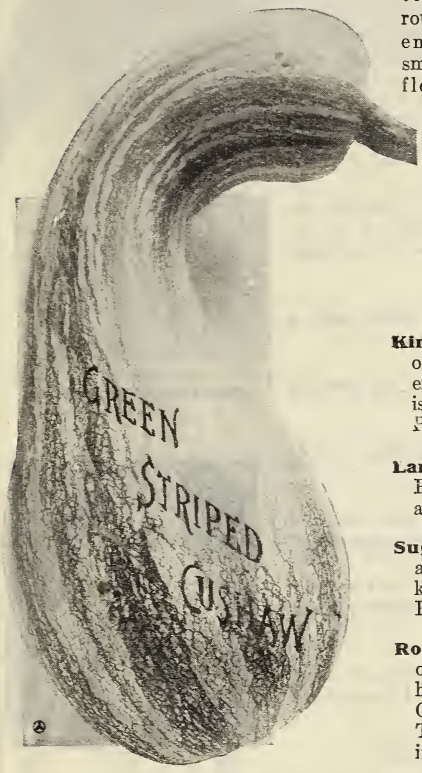
Ruby King. **(130 days.)** A large and handsome variety. When ripe they are of a beautiful ruby red color, and are always remarkably mild and pleasant to taste.

Sweet Mountain or Spanish Mammoth. **(120 days.)** It is very large, smooth and handsome; when mature, a rich red. Flesh thick, sweet, and mild-flavored.

PUMPKINS

For Pies and Canning

CULTURE. Plant in good soil when the ground has become warm, in hills 8 to 10 feet apart each way, or, as the general practice is with corn, in about every fourth hill. Three pounds per acre alone or about one pound with corn. Use "Slug Shot" for bugs.



Green Striped Cushaw. **(75 days.)** A long crooked neck, terminating in a round or oblong end enclosing a very small seed cavity; flesh surrounding seed cavity very thick. The neck is absolutely solid, rivalling the finest sweet potatoes for baking; or sliced and fried like Egg plant, when young; or as a pie sort, it has no equal. Splendid keeper.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.25.

Large Yellow Field

King of Mammoths. **(Jumbo.)** **(90 days.)** Largest of all the pumpkins, often reaching 24 inches in diameter, weighing 100 or more pounds. Make excellent stock feed, yet the quality is excellent for pies. When ripe, the skin is a rich orange color, flesh thick and yellow, sweet and tender.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.50.

Large Yellow Field. **(90 days).** A large yellow variety for field culture.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00. By express, 5 lbs. or more at 75 cts.

Sugar. **(65 days.)** A handsome and prolific variety of small size; the skin a deep orange yellow. It is fine grained in flesh, sweet in taste and an excellent keeper.
Pkt.. 10 cts.; oz., 20 cts.; ¼ lb., 35 cts.; lb., $1.00.

Roadside Market Mixture. All types grown together for autumn display on the roadside stands. Around Hallowe'en these subjects will sell like hot cakes—for Jack O' Lanterns and party decorations.
Oz., 15 cts., ¼ lb., 45 cts., lb., $1.00.
The partial shade of the sweet corn plot is an ideal place to grow pumpkins in the home garden.

HERBS

Herbs in general delight in rich mellow soil. For early use sow in hot-beds in March, transplanting to the open ground when weather is suitable. May also be sown in the open ground in May in rows 12 inches apart. Cover lightly and when large enough thin out to 8 to 10 inches apart in the row. They should be cut on a dry day just before they come into full bloom and hung where they may dry quickly.

Sage

Dill. (Anethum graveolus.) An annual cultivated for its seeds which have an aromatic odor and warm pungent taste. They are used as a condiment, also in making dill pickles.
Pkt., 10 cts.; oz., 15 cts.; ¼ lbs., 45 cts.

Sage. (Salvia officinalis.) The leaves and tender tops are used in seasoning dressing and sauces. A medicinal tea is also made from the dried leaves. Perennial.
Pkt., 10 cts.; oz., 30 cts.

Sweet Marjoram. (Origanum marjorana.) Used as a relish in soups, broths and dressings. Perennial.
Pkt., 10 cts., oz., 35 cts.

Dill

Plant Pumpkins for Pies—"Jumbo" for large bakings—"Sugar" for small

RADISH—

So Appetizing in Spring

Round White Tip Scarlet

CULTURE. One ounce will sow 100 feet of drill, 10 pounds required for 1 acre. For the first crop sow as early in the spring as the ground can be worked, and every 2 weeks throughout the season for a succession. A warm, sandy loam, made rich and light by some good strong manure, will be most likely to afford them brittle and free from worms. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July and August.

Cincinnati Market. (28 days.) A fine extra early variety with a long, smooth root and small top. The color is a bright transparent red; the flesh tender and delicious, even when full grown.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

Crimson Giant. (35 days.) Suitable for forcing or early planting out of doors. Larger than the other round red radishes, and solid longer.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

Early Round Scarlet. (25 days.) A small round, red turnip-shaped radish, with a small top, and of very quick growth; rich color, crisp and tender.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

Early Long Scarlet. (28 days.) Grows 6 or 7 inches long, half out of the ground; is brittle and crisp; color bright scarlet, small top.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

Early Scarlet Globe. (20 days.) Fine for forcing and market gardening. Large roundish oval; brilliant red; flesh white, solid, crisp and mild.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

French Breakfast. (25 days.) A splendid half-long variety of medium size, crisp and tender, scarlet with white tip. This has long been a favorite kind in very general use.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

Hailstone. The quickest maturing white radish on record. It is ready for the table in 15 to 25 days. The roots are perfectly round, an inch in diameter, with snowy white skin and flesh. The flesh is crisp and solid.
Pkt., 10 cts., oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

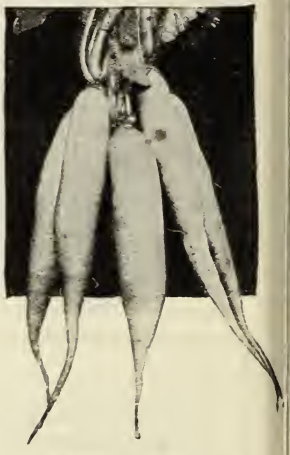
Icicle. (25 days.) Attains its best quality at about 4 inches long and remains crisp and sprightly an extremely long time. It is of most excellent flavor and transparent whiteness. Equally desirable for home use and market.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

Early Round Scarlet

Round White Tip Scarlet. (21 days.) A handsome early variety of medium size and excellent flavor. The best of the round varieties.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

White Strasburg. (48 days.) Pure white, firm and brittle, and of fine quality. Withstands hot weather best of any sort. Slow to become pithy.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

Cincinnati Market



White Icicle

WINTER RADISHES

Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00

Long Black Spanish. (72 days.) Firm, oblong, black, of large size.

Rose China Winter. (60 days.) One of the best fall and winter varieties, bright rose color, flesh white and of superior quality.

California Mammoth White. (65 days.) Pure white. The flesh is tender and crisp and keeps well through the winter.

Don't overlook our Special Jubilee Offers on Page 90

King of Denmark Spinach

SALSIFY
Vegetable Oyster

CULTURE. Sow early in spring, in drills 1 foot apart and 1 inch deep, thinning the young plants to 4 inches. The roots will be ready for use in October, when a supply should be taken up and stored in moist sand in a cool room. Those remaining will suffer no injury by being left in the ground until spring. One ounce to 100 feet. Ten to 12 pounds are required for one acre.

Mammoth Sandwich Island. (**95 days.**) White, tender, and of excellent quality.
Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Salsify

SPINACH

CULTURE. Select very rich, well drained soil; sow in drills 1 foot apart and 1 inch deep; or broadcast at rate of 30 pounds per acre. Make the first sowing early in spring and continue at intervals of 2 or 3 weeks, until the middle of June. Sow in August and September for early spring use, protecting with a winter covering of straw. One oz. will sow 100 feet of drill, or 10 to 12 pounds to the acre.

Round Thick Leaved. (**45 days.**) One of the most popular with our market gardeners; leaves large, thick and fleshy; excellent for fall sowing, being very hardy.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 55 cts.

King of Denmark. (**45 days.**) Leaves very thick, dark green, and curled or blistered, in low compact tufts, ready to use as soon as the earliest, yet remaining longer in good condition before running to seed.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 65 cts.

New Zealand Spinach. (**55 days.**) (Tetragonia Expansa.) Strong growing summer variety. The young branches and leaves can be gathered at any time. Sow thinly in drills 15 inches apart. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.25.

SQUASH—*Summer Varieties*

Seed should not be sown in the spring until danger from frost is past and the ground warm and thoroughly settled. Keep the earth about the plants loose and clean, removing the surplus vines from time to time, allowing not more than three plants to the hill. A little tobacco dust thrown around the hills discourages borers, Bordeaux Arsenate of Lead remedies blight and striped beetles; but the big black squash bug had better be hand-picked. If the winter varieties are not planted until the latter part of June, they are ordinarily able to escape the ravages of the borer.

FOR SUMMER SQUASH, sow 1 oz. to 25—4 feet apart each way; WINTER SQUASH, to 10 hills—8 to 10 feet apart each way—or 2 lbs. acre.

Bush Fordhook. (**55 days.**) In this new, true bush type the plants can be grown much more closely together. The fruits are rather shorter and thicker than those of the running type; they are also thicker fleshed and have a smaller seed cavity; unsurpassed for baking, frying, or making pies. Any fruit not needed for summer use can be left to ripen on the plants and gathered for winter use.

Giant Summer Crookneck. (**65 days.**) Bright yellow, a profitable sort for market, keeps bearing all summer. Plant farther apart than other varieties.

Mammoth Yellow Bush. (**55 days.**) A much enlarged strain of the early yellow bush scallop, quite prolific; average size 14x4 inches, and weight, 5 lbs.

Mammoth White Bush. (**50 days.**) Fruits round white, deeply scalloped, lobes being in pairs; very tender and delicious.

PRICE of above Summer Squash—Pkt., 10 cts; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

The Three Types of Summer Squash

Fall and Winter Varieties of SQUASH

Delicious. (**75 days.**) It is of medium size, dark green in color and with very thick flesh which cooks dry, and is of superior flavor. Although a good fall variety it is in its best condition in the winter.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.25.

Golden Hubbard. (**110 days.**) The color is a deep orange, tipped green at each end. The flesh is golden yellow, of excellent flavor and cooks dry; a good keeper.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.25.

Hubbard. (**110 days.**) Skin deep olive green, flesh orange yellow. Sweet, rich flavored; keeps well through the winter; boils or bakes dry.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.25.

Table Queen. (**80 days.**) 6 to 7 inches long by 4 to 5 inches thick, the shell a smooth dark green with sometimes a blotch of red at the pointed end; the productiveness and eating quality second to none. Baked twenty minutes, cut in two and served in the half-shell, it is an ideal and convenient individual side dish.
Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

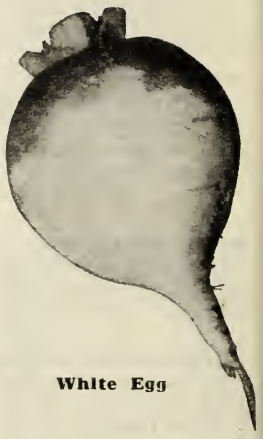
The New Table Queen

TURNIP

CULTURE. Turnips do best in a highly enriched, sandy, gravelly, or light loamy soil. Commence sowing the earliest varieties in April, in drills from 12 to 15 inches apart, and thin out early to 6 or 8 inches in rows. For a succession, sow at intervals of a fortnight until the last week in May. The early varieties are often broadcasted between corn rows or sown as a catch-crop to succeed the early potatoes. From the last of July to the end of August sowing may be made for the fall and main crops. One ounce sows 100 feet of drills. Two pounds per acre in drills 12 to 15 inches apart; one pound 2 feet apart; 3 lbs. broadcast.

Purple Top White Globe. (**70 days.**) The most popular turnip grown either for table or stock. Of globular shape, rapid growth, and an excellent keeper. Flesh pure white, skin white with purple top.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 75 cts.

White Egg. (**50 days.**) Quick growing pure white; solid firm, flesh fine grained, cooking up sweet and tender. Egg shaped, skin pure white.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.



White Egg

Early Purple Top, Strap Leaved. (**55 days.**) Similar to Early Flat Dutch, but purple on top. Of excellent quality, largely grown for market.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 75 cts.

Early White Flat Dutch. (**40 days.**) Extra early, flat, strap leaved, mild, fine quality. Use when small and tender. Also grown for fall crop.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 75 cts.

Purple Top White Globe

YELLOW FLESHED

Orange Jelly or Golden Ball. (**70 days.**) A very distinct, round yellow variety. One of the finest sorts for family use. Flesh pure yellow, fine grained, sweet and tender. Does not attain a large size but is firm, hard and of most excellent flavor. Makes an ideal fall crop to store for winter use.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 75 cts.

RUTA BAGA OR SWEDE

Improved Purple Top Yellow. (**95 days.**) One of the best of the Swedes, hardy and productive; flesh yellow, sweet and well flavored; shape slightly oblong terminating abruptly, color purple above and yellow under the ground; rich in flavor. A popular market sort.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Large White Ruta Baga. (**90 days.**) (Sweet Russian.) This variety is most excellent either for table or stock. It grows to a large size; flesh white, solid, firm texture, sweet and rich; keeps well.
Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 75 cts.

TOMATO SEED

Plant S. & H. Seed and grow tomatoes of Prize Winning Quality

CULTURE. Sow in hot beds during March, or from six to eight weeks before they can be set out of doors; when the plants have four leaves transplant into shallow boxes, setting them 4 or 5 inches apart; give them plenty of air and endeavor to secure a steady growth. Set out of doors as soon as danger from severe frosts is over. Seed may be sown in the open ground also at this time, and will make strong hardy plants, that will be excellent for fruiting. The choicest tomatoes are obtained by training the plants to stakes and keeping them pruned. Use stakes 2 inches square, 5 or 6 feet long. The main stem and two branches should be saved, cutting the others off just beyond the first cluster of blossoms. This treatment allows all the fruits to develop to perfection and none are lost from rotting on the ground. One ounce will produce 3,000 plants.

PINK SKIN VARIETIES

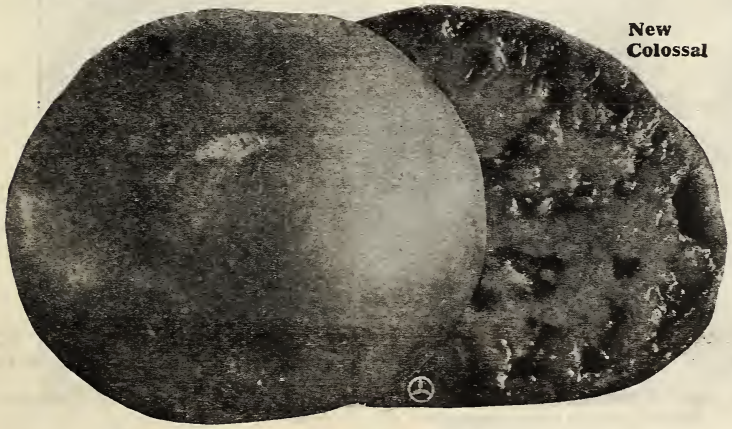
Acme. **(100 days.)** Of spreading growth; producing abundant medium sized fruits of irregular shape, in clusters of three to five. The flesh dark red, fine in texture, slightly acid.
Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.

Cleveland Market. One of the most satisfactory and popular sorts. Fruits ripen evenly, are uniform in size, very solid and finest quality. They are exceptionally smooth and do not crack readily. Vines large, vigorous and very productive, ripening fruits about mid-season.
Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.

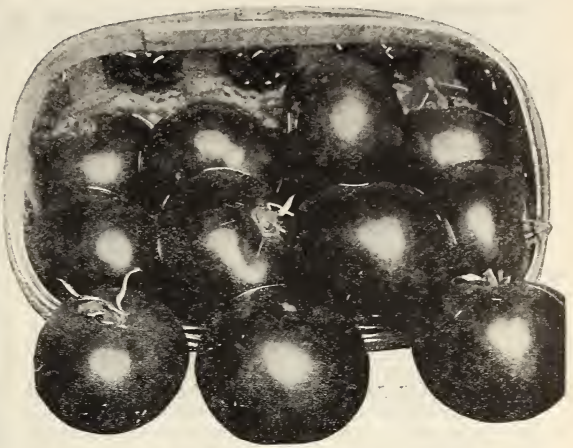
Early Detroit. **(90 days.)** Early and very large size, nearly round.
Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25; lb., $4.00.

June Pink. **(85 days.)** An early variety, blight resisting, long and heavy yielding, similar in habit to the famous Earliana, except its color is pink. An excellent shipper.
Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25; lb., $4.00.

Livingston's Globe. **(95 days.)** Large globe shape, always smooth, firm fleshed with few seeds, and ripens evenly. One of the best forcing varieties.
Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25; lb., $4.00.



New Colossal



Early Detroit

Helpful Hints to Vegetable Gardeners

Order your seeds early so that you can take advantage of the first signs of spring.

Plant small, quick growers like lettuce, radishes, etc. between the rows of larger, slower maturing sorts. In the case of early sorts such as spinach, start tomatoes, corn, etc., between the rows to occupy the ground after the former is harvested.

Never cultivate or handle any kind of beans when the vines are wet. This is the easiest way to spread a serious disease and ruin the crop.

Success against weeds means keeping them out, not taking them out after they get in.

To insure a succession of such plants as peas, beans, lettuce, radishes, beets, kohlrabi, etc. sow a fresh row every week or so.

Ponderosa. **(110 days.)** In addition to its ponderous size, it is very solid, with few seeds; a beautiful crimson throughout.
Pkt., 10 cts.; ½ oz., 30 cts.; oz., 55 cts.; ¼ lb., $1.75; lb., $6.00.

Truckers' Favorite. **(100 days.)** Flattened, smooth skinned fruits 3½ by 4 inches thick, attractive for the market. The flesh is meaty, very solid, and of excellent quality.
Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25; lb., $4.00.

New Colossal. **(110 days.)** One of the largest, heaviest and best tomatoes, averaging 2 to 3 pounds. Close celled, firm flesh with remarkably few seeds, and little waste. Flavor sweet, cool and sprightly, notably free from the commonly objectionable acidity. Solid, 5-inch slices; satisfactorily all-tomato when cooked; and a profitable can filler when preserved—in every usage expressing the highest quality of flavor and texture. To illustrate its meatiness and freedom from seeds, compare the average requirement of 1½ bushels of tomatoes to produce a pound of seed, with this giant fruited variety which requires 7 to 10 bushels to produce a pound of seed.
Pkt., 15 cts.; ½ oz., 45 cts.; oz., 85 cts.; ¼ lb., $2.50.

TOMATOES—Contd.

RED SKIN VARIETIES

Bonny Best. (88 days.) Large, smooth fruit of a rich scarlet red, the color demanded by many markets. Fruit thick, with a small core, excellent for any purpose. Slices exceptionally well. Nearly globe shaped, slightly flattened at stem. Borne in clusters of five or six fruits, all ripening together.
Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.

Greater Baltimore. (110 days.) A main crop variety, fruit large and brilliant red in color. Ripens evenly to the stem.
Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.

John Baer. (85 days.) Very large, free from core and of an attractive bright red color. Very prolific, one plant often having from fifty to seventy-five fruits which are borne in clusters and ripen evenly clear up to the stem; never bursts. Unexcelled for early home or market use.
Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.

Livingston's Coreless. (110 days.) All of the fruits are of marketable size. Always free from green core; ripens all over and through and right up under the stem, all at once. A grand, good slicing variety; the seed cells being surrounded by bright red, heavy, meaty and delicious flesh.
Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25; lb., $4.50.

Spark's Earliana. (85 days.) Remarkable for its earliness, large size, uniform shape, solid fruit, attractive red color, and productiveness. The leading high quality early market variety.
Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.

Stone (110 days.) A fine main crop tomato for market or canning. The beautiful red fruit is perfectly smooth and very large, ripening evenly, and is free from rot, even in wet seasons.
Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.

Spark's Earliana

Wayahead. (85 days.) A new variety, and one of the best. Extra early, resembling Earliana but preceding it, with handsome smooth, solid, red fruits. A heavy cropper, with a vigor which keeps up the size even on the latest set fruits.
Pkt., 15 cts.; ½ oz., 30 cts.; oz., 55 cts.; ¼ lb., $1.75.

Yellow Ponderosa. (110 days.) Identical with Ponderosa in quality and size but produces golden yellow fruits, exceptionally free from acid, making it a desirable variety for home use and one of the most attractive to use in mixed color salads.
Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.

SMALL FRUITED

Yellow Pear. (95 days.) Fruits a clear, handsome yellow. Very sweet and free from acid.
Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.

TOBACCO

Connecticut Seed Leaf. A popular cigar variety, also largely used for pipe smoking by those who prefer a home cured natural leaf. Makes a large broad leaf and is the only variety extensively grown in northern states.
Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts; ¼ lb., $1.50.

New Tomato "Wayahead"

S & H *High Grade* LAWN GRASS SEED

How to Make and Keep a Beautiful Lawn

THE successful keeping as well as making of a beautiful lawn lies most largely in the thorough preparation before a seed is sown. If there is grading to be done the top soil to the depth of 6 to 8 inches should first be removed to one side; finish with the top soil after the grade is complete.

This should be thoroughly harrowed and raked to reduce to as fine a condition as possible, as well as to level it, as nothing detracts so much from the appearance of a lawn as an uneven surface. Sow the seed as early in the spring as convenient, the earlier the better if the soil is in good condition, scattering it in both directions at right angles to each other, which will give a more even distribution. After the seed has been sown it should be raked lightly, then thoroughly rolled.

No one kind of grass will make a lawn that will keep beautifully green all through the season, but a mixture of several is essential, as some varieties are more luxuriant in the spring, others in the summer, and again others in the autumn, and a proper combination of these various sorts is required to create and maintain a perfect carpet like lawn. Our Velvet Sod Mixture is a splendid exemplification of scientific knowledge and practical treatment, giving quick, sure and satisfying results unsurpassed by any general lawn mixture on the market.

Instead of manure, we recommend **"Armour's Lawn and Garden Grower"** listed on page 140 as being richer, more lasting in effect, and **free from weed seeds.** On new spring-made lawns, apply at the rate of 40 lbs. to 1000 square feet, carefully broadcasted two ways, afterwards raking it into the already leveled soil surface. Then wet down thoroughly, —and wait one week before sowing the grass seed. If a fall-made lawn, use only 20 lbs. to 1000 square feet; but be sure to apply the other 20 lbs. early next spring, in like manner.

Mowing. The final step in making a good lawn is to mow the young grass as soon as it is two inches high and never allow it to grow higher than this thereafter. Frequent mowing encourages the grass to "stool" out, that is, branch out at the crown and cover the ground.

Storrs & Harrison's

LAWN GRASS MIXTURES

"Velvet Sod" A mixture of fine dwarf, close growing grasses, that will produce a neat, velvety lawn and permanent sod in a short time. Weight, about 25 pounds to the bushel. One pound will seed about 300 square feet; 80 to 100 pounds are required for an acre.
½ lb., 35 cts.; 1 lb., 65 cts.; 2 lbs., $1.25; 3 lbs., $1.75; 5 lbs., $2.75, postage paid.
By express, 10 lbs. at 40 cts. (Not prepaid.)

"Shady Lawn" A modification of our famous "Velvet Sod" mixture, designed for use in shady places.
½ lb., 35 cts.; 1 lb., 65 cts.; 2 lbs., $1.25; 3 lbs., $1.75; 5 lbs., $2.75 postage paid.
By express, 10 lbs., at 40 cts. (Not prepaid.)

Watering. After grass seed is sown the ground should be kept continually moist for a period of three weeks for best results. In early fall and spring sowing nature usually provides the desired moisture, but in case of drought, use the hose. Established lawns are benefitted during dry spells by thorough watering. An occasional light sprinkling does more harm than good.

Old Lawns will be greatly benefitted if, as early in the spring as the weather will permit, they are carefully raked, so as to remove the dead grass and leaves that may be on them, then sprinkle it with our Velvet Sod Mixture, which will renew the thin places and spots that have been killed by the winter or other causes, then give it a thorough firming and smoothing with a heavy roller.

The periodic use of fertilizer on established lawns is a necessity, especially under and near trees. Grass is a gross feeder and when it has competition from tree roots the soil soon becomes exhausted. Periodic feedings of Armour's Lawn and Garden Grower will prevent this difficulty.

STORRS & HARRISON'S RE-CLEANED GRASS SEEDS

Our grass and clover seeds will more than pass any **State requirements** as to purity, and will please the most critical buyers. We handle only the finest and cleanest grades procurable. So much depends upon grades that prices vary greatly in all grass and clover seeds.

We do not guarantee Prices on Grass and Clover seeds. The prices herein are based on values at time of going to press with this catalogue. They are subject to market fluctuations.

Prices quoted by lb. and 3 lbs. are postage paid by us; if ordered by express, deduct 10 cts. per lb. Larger quantities are by express or freight, purchaser paying charges.

Creeping Bent. (Agrostis Stolonifera.) Modern golf has popularized this thickly rooting, densly cropping grass for putting greens. Makes a velvet smooth, low, thrifty lawn surface, sown 60 pounds to the acre. Lb., $1.25.; 5 lbs., $6.00.
10 lbs. and over by express, not prepaid, at $1.00.

Kentucky Blue Grass. **Fancy Clean.** Also known as June Grass, a valuable variety for lawns when mixed with other grasses, and especially valuable as a pasture grass. About three bushels to the acre for pasture. (21 lbs. to the bushel.) Lb., 65 cts.
10 lbs. and over, by express or freight, at 45 cts.

RECLEANED GRASS SEEDS—Contd.

Red Top Fancy. Re-cleaned seed, 32 lbs. per bushel. Grows well in almost any soil and is valuable either for meadows, pasture or lawns, especially so for moist land. About 15 pounds sow an acre. Lb., 50 cts.

10 lbs. and over, by express, at 35 cts.

English or Perennial Rye Grass. A nutritious, quick-growing grass for meadows and pastures. It does well on sloping banks, as its roots are fibrous and mat-like. 24 pounds to the bushel. Lb., 35 cts.; 3 lbs.; $1.00.

10 lbs. and over, by express or freight, at 20 cts.

Orchard Grass. A valuable grass for pastures, for sowing in orchards or shady places. It grows rapidly and does not suffer from close feeding. When sown alone three bushels should be sown to the acre; 14 lbs. to the bushel. Lb., 45 cts.; 3 lbs., $1.25.

10 lbs. and over, by express or freight, at 30 cts.

Meadow Fescue or English Blue Grass

Especially suited for permanent pasture and is also fine for hay. Grows 2 to 3 feet high but not in tufts like Orchard Grass. The hay is very nutritious and cattle thrive on it whether dry or green. Succeeds even in poor soil, and as the roots penetrate deep, from 12 to 15 inches, it takes extremely dry weather to affect it. As a fertilizer it has valuable properties, and will stand freezing very effectually. About 24 pounds of seed are sown to the acre. Lb., 50 cts.

10 lbs. or over, by express or freight, at 35 cts.

Hard Fescue. A splendid grass for golf links, tennis courts, etc.; will resist droughts. Sow 6 to 7 bu. per acre (12 lbs. per bu.). Lb., 55 cts.

By express, 10 lbs. and over, at 45 cts. per lb.

Red or Creeping Fescue. Very valuable for sowing on sandy soil and in shaded places, also on putting greens. Sow 100 to 125 lbs. per green, 100 feet square (14 lbs. per bu.). Lb., 60 cts.

By express, 10 lbs. and over, at 45 cts. per lb.

Rough Stalked Meadow Grass. (Poa Trivialis)

No Grass is better adapted for pleasure grounds, particularly under trees, as it will not only grow in such places, but forms a fine sward where few other Grasses can exist. A fine grass for dry ground under Bay windows, overlapping roofs and shady side yards. Lb., 65 cts.

10 lbs. or more, by express or freight at 50 cts. per lb.

Sheep's Fescue (Festuca ovina.) Grows naturally on light, dry, sandy soils and mountain pastures; considered valuable mixed with other grasses for permanent early spring pasture. Sow 15 lbs. per acre. Bushel, about 12 lbs. Lb., 55 cts.

10 lbs. or over, by express, at 45 cts.

Crested Dog's Tail (Cynosurus cristatus.) May be sown on lawns; forms a close turf, remaining green a long time; valuable for sheep pasture; succeeds on dry, hard and gravelly soil. Height, 1 to 1½ feet. Sow 25 pounds per acre. 21 pounds to the bushel. Lb., 70 cts.
10 lbs. or over, by express, at 55 cts.

Timothy. (Phleum pratense.)

Of the easiest cultivation and with us is usually sown in connection with winter grain in the fall, to which a seeding of clover is added early in the spring. 45 pounds to the bushel; from ½ to 1 bushel to the acre. Lb., 30 cts. postpaid. Write for price per bushel.

Timothy for Hay and Pasture

S. & H. Co.'s Selected CLOVER SEEDS

Alfalfa. (Lucerne.)

For bringing up poor land it is the best of the clovers, as it not only produces large masses of foliage but forces its roots deeply into the earth. On land that is not naturally rich it needs fertilizing to help it get started. If there is no lime in the soil a top dressing of it should be given when the land is plowed. For inoculation, see **"Nitragin"** offer, Page 139. It should be mowed often enough during first season to keep the weeds down, being careful to cut above the crowns of the Alfalfa plants. Not adapted to low, wet land. Lb. 50 cts. Write for samples and prices on larger quantities. Sow early in spring or fall at rate of 20 pounds per acre.

Alsike. (Swedish.)

An excellent variety, of luxuriant growth and very sweet; valuable for pasture or ensilage, especially on moist land; makes good bee forage. Sow 5 to 6 pounds per acre. Lb., 50 cts. Write for prices on larger quantities.

Scarlet or Crimson Clover.

Brilliant scarlet flowered annual; very productive and greedily eaten by cattle, remains green longer than the red variety, and is excellent for bee food. Largely used for green manuring; sown in August it may be plowed under the following June. Sow 15 pounds per acre. Lb., 40 cts.
10 lbs. and over, by express, at 30 cts.

Sweet Clover. (Bokhara.) (Meliotus alba.)

This legume is native to all parts of this country and is the most beneficial of all crops for building up worn-out land. Thrives on all soils, but like all clovers, requires lime, which should be supplied on land where it is lacking. Makes fine pasture for bees and good quality of hay relished by all stock. Does best when seeded alone. Sow in spring or fall. Twenty to thirty pounds are required per acre. Lb., 35 cts.
10 lbs. and over, by express, at 25 cts.

White Dutch Clover.

Excellent for lawns in mixtures with grasses. A good pasture clover. Sow at the rate of 6 to 8 pounds per acre.
½ lb., 35 cts.; lb., 70 cts.; 5 lbs. and over, by express, at 55 cts.

SELECTED CLOVER SEED—Contd.

Medium Red Clover. This is regarded as the most valuable of the Clover family. It is sometimes called June Clover and is a dependable all-round variety for farmers and stockmen. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. It may be sown either in the spring or fall, and if no other grasses are used, at the rate of from 8 to 12 pounds to the acre, according to quality of seed used and condition of the soil. Clover adds greatly to the fertility of the land on which it is grown. It does not exhaust the soil, but enriches it. Lb., 60 cts. For quantity, write for price.

Inoculate Sweet Clover with NITRAGIN. See Culture "B" below.

Medium Red Clover

MISCELLANEOUS FARM SEEDS

Prices per single pound and 3 pounds, where listed, are postage paid by us; in larger quantities by express or freight, purchaser pays charges. Prices subject to market changes.

INOCULATE!

The Improved Soil Inoculator, Nobbe-Hiltner Process

NITRAGIN

TRADE MARK REG'D U.S. PAT. OFF. NO. 32,777

Restores and Maintains Soil Fertility

The Original Soil Inoculator

List of Culture Groups

Culture "A"—Alfalfa, all Sweet Clovers, including Hubam and Bur Clover.
Culture "B"—Clovers, Red Clover, Mammoth Red Clover, Alsike, Crimson and White Clover.
Culture "C"—Field and Garden Peas, Vetches, (Hairy, Spring, Wild) Broad Bean, Sweet Peas, Perennial Peas, and Lentils.
Culture "D"—Field and Garden Beans, (including Navy, Kidney, and Scarlet Runner Beans).
Culture "E"—Cow Peas, Lima Beans, Velvet Beans, Partridge Peas, Japan Clover, and Peanuts.
Culture "S"—Soy Beans (all types).
Garden Nitragin—For Garden Peas, Sweet Peas, Beans, and Lima Beans (3 in one).

Nitragin for Peas, Sweet Peas and Beans

Garden Size Package, 22 cts.

Inoculates from one ounce package up to 8 pounds of seed. Insures better quality, larger crops and faster growth.

Important: When ordering always name the seed you wish to inoculate.

¼ bu. size inoculates 15 lbs., seed, 45 cts., postpaid. (Shipping weight, 4 ounces.)
½ bu. size inoculates 30 lbs. seed, 65 cts., postpaid. (Shipping weight, 6 ounces.)
1 bu. size inoculates 60 lbs. seed, $1.10, postpaid. (Shipping weight, 10 ounces.)
5 bu. size inoculates 300 lbs. seed, $5.00, postpaid. (Shipping weight, 3 pounds.)

Nitragin Prices Greatly Reduced on Soy Beans and Cow Peas

Save money—buy the five bushel size Nitragin package and inoculate Soy Beans and Cow Peas at the low cost of 50c a bushel.

¼ bu. size inoculates 30 lbs. seed $0.45, postpaid.
1 bu. size inoculates 60 lbs. seed .80, postpaid.
5 bu. size inoculates 300 lbs. seed 2.75, postpaid.

All Nitragin is guaranteed for one year; every package stamped with expiration date.

Always state kind of seed you wish to inoculate, in your order.

Broom Corn. (Imp. Evergreen.) This variety is extensively grown on account of the color and quality of the brush, which is long, fine, straight and always green. Grows from eight to ten feet tall. Plant in rows 3½ feet apart and 3 inches apart in the row.
Pound, 35 cents, postpaid. By express, 10 lbs., and over at 15 cts., per lb.

Canada Field Peas. Field Peas make a very valuable crop. They can be fed in mixture to all kinds of live stock and are very valuable as nitrogen fixers, leaving the soil from which a crop of peas has been harvested richer in nitrogen than it was before. Sow alone at the rate of 3 bushels per acre or with oats, for fodder, at the rate of 2 bushels of peas and 1 bushel of oats per acre.
10 lbs. by freight or express, 10 cts. per lb.; 100 lbs. at 8 cts. per lb.

Tennessee Millet. No other plant that has yet been introduced for grass or forage has been able to produce anything approaching the enormous yield of Millet when grown under favorable circumstances. The seed we offer is genuine Tennessee grown, of the finest quality. There is a wonderful difference in true Southern grown Millet when compared with the cheap Western grown. True Southern Millet will produce double the amount of hay produced from Western grown seed. Sow for feed one bushel to the acre.
Lb., 30 cts. postpaid. By express, 10 lbs. at 10 cts.; 50 lbs. and over at 9 cts.

Japanese Millet. This grows six to eight feet high, stands remarkably well, and yields from 10 to 12 tons green fodder per acre. It may be sown from the middle of May to the first of July, broadcast at the rate of fifteen pounds per acre. Lb., 40 cts. postpaid.
By express, 10 lbs. at 18 cts.; 50 lbs. and over at 15 cts.

Hairy Vetch. (Vicia Villosa.) This legume is rapidly springing into favor in the North as a fall soiling crop. Grows luxuriantly and is one of the greatest nitrogen gatherers. Requires no special soil preparation, neither is it particular as to soil, and is therefore very valuable for bringing up poor land. Makes a valuable and nutritious hay. If used for this purpose it should be cut in the spring when seed pods which resemble small peas are just forming. Its feed value is equal pound for pound with prime wheat bran. In the latitude of northern Ohio, Vetch should be sown by September 15, to get well started that fall. Farther south it may be sown later. Rate of thirty to forty pounds to the acre. Lb., 40 cts.; 3 lbs., $1.25.
10 lbs. and over at 25 cts. per lb. by express.

Rape. (Dwarf Essex.) Extensively grown for forage, especially for sheep; makes excellent green feed for poultry. They can be turned into it within six to eight weeks after sowing. Cattle and sheep are apt to bloat if the leaves are wet or they are turned in hungry and allowed to fill themselves. Sow in June or July, in rows two and one-half feet apart at the rate of five pounds seed per acre, or may be sown broadcast at the rate of eight pounds per acre; it may be sown in April with oats, for an early crop after the oats are cut. Lb., 40 cts.; 3 lbs., $1.00.
By express, 10 lbs. and over at 15 cts.; 50 lbs. and over at 12 cts.

Sudan Grass. This forage crop is of immense value to the south or any section not sufficiently supplied with rainfall. It is a great drought resister and makes an excellent quality of hay. Grows from five to nine feet tall and stools freely when given plenty of room after cutting. Do not sow until the ground has become thoroughly warm. 16-24 pounds to the acre broadcast, or 4-6 pounds in drills, 18-24 inches apart. Lb., 35 cts.; 3 lbs., $1.00. By express, 10 lbs. or over at 15 cts. per lb.

Sugar Cane. (Early Amber.) The standard variety for the North. The beautiful amber colored syrup it produces is thought to be superior in flavor to any other, and for sugar is unsurpassed. Valuable as a forage plant. Makes excellent milk-producing feed either green or dry. Six pounds are required per acre in rows, or 40 to 50 pounds broadcast or drilled. Lb., 30 cts. By express, 25 lbs. and over at 10 cts.

Sugar Corn for Fodder. Very nutritious, rich and succulent for feeding green.
10 lbs. by freight or express, 10 cts. per lb.; 100 lbs. at 8 cts. per lb.

Sunflower. (Mammoth Russian.) Of considerable value as a poultry food. Many people insist it clears the air of malaria germs. In small gardens the heavy, erect, growing stalks may be utilized for supporting Kentucky Wonder or other pole beans. Lb., 30 cts. By express, 10 lbs. or over at 15 cts. per lb.

FERTILIZERS *for* LAWN *and* GARDEN

ARMOUR'S LAWN AND GARDEN GROWER

A properly balanced, concentrated plant food mixture blended from those chemical fertilizer ingredients best suited for the growing of grass and gardens. It contains more pounds of highest grade plant food than is generally used in lawn and garden fertilizer, having at least 16 times as much plant food as ordinary farm manure. **Free from Weed Seeds!**

PRICES:

Freight or Express, not prepaid.

100-lb. Bag	**$5.00**
50-lb. Bag	**3.00**
25-lb. Bag	**1.75**

Has no bad odor! Definite instructions are plainly printed on every bag.

WIZARD BRAND SHEEP MANURE

Pulverized Sheep Manure is an efficient fertilizer to use on lawns, in the garden, the perennial border, shrubbery beds, small fruit garden, flower beds, etc. It is safe and dependable. A natural plant food and not a chemical stimulant. Every amateur gardener can get results with Wizard.

Price: By express or freight only—not prepaid: 5 lbs., 25 cts.; 10 lbs., 45 cts.; 25 lbs., $1.00; 50 lbs., $1.75; 100 lbs., $3.25. Cannot be sent by mail.

We have a very complete little booklet describing the making of a lawn and use of fertilizer on the lawn and in the garden which we will send free upon request.

SPRAY EARLY AND OFTEN

INSECTICIDES AND FUNGICIDES

To get the best results spray thoroughly at the right time with the right material. Use contact poisons such as Nicotine compounds for Aphids and sucking insects; stomach poisons such as Arsenate of Lead for chewing insects, and Bordo powder for fungous diseases.

Arsenate of Lead Powder. A chemically accurate combination of Arsenic which is the poisoning agent, and Lead which serves to hold the poison upon the foliage and also counteracts possible damage to the leaf itself. An efficient destroyer of all leaf-eating insects which attack either fruit or shade trees, shrubs, flowers or vegetables. **By express only. 5-lb. cartons, $2.00 each, 1-lb. cartons, 75 cts. each.**

Bordo Powder. A highly efficient powdered form of Bordeaux Mixture; non-poisonous, but of great effectiveness when applied against black spot, mildew, and all fungous diseases. **1-lb. cartons, 75 cts. each. By express only.**

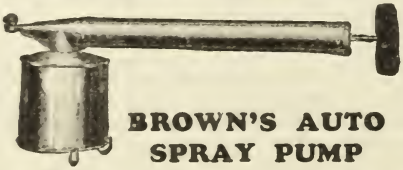
Niagara Nicotine Powder. A highly efficient destroyer of all sucking insects, designed to combat Thrip, Aphis, Spiders, et al. Put up in an easily handled, fine powder. Must be shipped by express only. **1-lb. package 50 cts.; 5-lb. package $1.50**

"Nico-Fume Liquid." A highly concentrated liquid Nicotine solution for fighting sucking insects, such as Thrip, Aphis and Spider. Used according to directions, in a fine spray and with as much force as possible, it makes a very effective and inexpensive insecticide. Being highly poisonous, it must be stored in a safe place away from children. Can be shipped in express or freight orders only, **not mailable.**

¼-lb. can	$0.75	The proportion for spraying is one to two teaspoonfuls added to a gallon of water.
1-lb. can	2.35	
4-lb. can	8.50	

Sulpho-Tobacco Soap. Useful for ridding house plants of bothersome insects. Especially efficient in removing scale from Palms and Ferns, Small cakes, enough to take care of the ordinary plant collection, **by mail, postpaid, for 25 cts.**

SPRAY PUMPS



BROWN'S AUTO SPRAY PUMP

A simple, powerful, effective spray pump for liquids, easily carried and operated. Unlike other types, its spraying action is **continuous;** thereby doubling the speed and effect with no greater effort. Filling and cleaning are extremely simple. Two nozzles are supplied, one for straight away, and one for angular spraying.

AUTO-SPRAY No. 26-A. All tin, 1 quart.....postpaid, **$1.25**

AUTO-SPRAY No. 26-B. Tin pump, brass tank, 1 quart capacity postpaid..... **1.50**

THE "FAULTLESS" SPRAYER No. 1

Above is absolutely the best small, simple mist sprayer for general use against insects, on the market. Made of tin, substantially jointed and reinforced; greatest durability and spraying force in its class. Adapted for throwing either liquids or dry powder. Price, **75 cents** each, or **$1.00** postpaid.

Cog Gear Bucket

MYERS BUCKET PUMPS

Little Giant

Constructed entirely of brass, with malleable iron foot rest. Will throw a solid stream 50 feet; valuable for spraying trees, washing windows or buggies, extinguishing fires, sprinkling lawns or flowers, etc. One superior feature is the extra jet for keeping the spray material mixed and agitated.

COG GEAR. (No. R-324) 1½-inch brass cylinder and patent cog-gear handle makes easy work and extra capacity. Price: The pump with agitator, complete with detachable hose and graduating fine, sprinkling and solid stream nozzle.....**$7.00**

LITTLE GIANT. (No. 327½) Special feature is the arrangement of air-chamber and cylinder side by side which makes the down stroke do all the work; thus relieving any upward pull on the bucket. Spray is continuous regardless of plunger action. Price: The pump with agitator complete with hose and combination fine, coarse-spray and solid stream nozzle.....**$4.50**

MYERS 8 FOOT PIPE EXTENSION

For use on the two Myers pumps listed—each.....**$1.25**

Always keep on hand the supplies you will need. Spray early and often

FRUIT TREES
Highest Quality True to Name

BACK in '54, and for many succeeding years, Fruit Trees and Small Fruits were the nucleus of our business. Today, they are still a very important element in our departmental organization, occupying several hundreds of the 1500 acres in our plantation. As potential buyers and planters of fruit trees, you may be interested to know that we are about to radically reduce our propagating lists of varieties. Many a good old variety has been so much inproved, it would seem useless to continue offering the original type; yet we nurserymen have all clung to the old timers from sentiment as keen as that which causes our customers to remember, and order. To those who still hanker for the well remembered flavors in father's orchard, we would suggest you had better get supply of trees now—for soon, many of the old kinds will have passed, forever.

After 75 years of public serving, it is only the newest generation who needs assurance that our reputation is good as to furnishing first quality stock, true to name, with all attendant transactions conducted honorably and according to studied efficiency. Whatever occasional errors creep in are due to the accidents caused by handling such a tremendous output in such brief available delivering time. And be assured we are always as anxious as you to clear up any misunderstandings or errors. **For guarantee, read page 3.**

QUOTATIONS. We would be pleased to quote prices to anyone desiring different varieties or stock in larger quantities than offered herein. In sending list, state definitely the number of each variety and size wanted.

CERTIFICATE OF INSPECTION, issued annually by the Ohio Dept. of Agriculture, showing freedom of our stock from San Jose Scale and other injurious insects and disease, will be attached to every shipment.

SUBSTITUTION. We reserve the right, in case we are out of a variety, to substitute another of equal merit when it can be done (always labeling with correct name)—unless the party ordering says "No Substituting," in which case we will fill order as completely as we can and refund balance of remittance.

Terms: Net cash with order. No discounts allowed. In the various classes, we will furnish 5 or more of one variety and size at 10 rate; 25 or more at 100 rate; 250 or more at 1000 rate. REMEMBER THAT WE EMPLOY NO AGENTS, and are responsible only for orders sent to us through the mail or delivered in person.

APPLES *for the Home and Market*

WHERE Apples are grown solely for home use, a wide range of varieties may be selected; and the extensive list of distinct kinds offered in our catalog afford the choicest varieties in all desirable types; and covering the entire range of ripening seasons.

With the proper selection of varieties and intelligent cultivation, there is no reason why the orchardist who makes a specialty of Apples should not have a business yielding him larger returns for the money and labor invested than almost any other horticultural industry.

FILLERS. Most commercial orchards are now planted with standard varieties, 40 feet apart each way. Quick, upright growing, early maturing varieties are used as fillers, planting between standards to make 20 feet apart; fillers to be removed when the standard trees require the room (12 to 18 years). This requires 28 standard and 82 fillers to the acre. **We recommend for fillers:** — Yellow Transparent, Duchesse of Oldenburg, Wealthy, Grimes Golden and McIntosh.

Yellow Transparent

Those varieties following, preceded by a star (*) are the Russian and hardier kinds.

(X) This mark following description, indicates the item can be furnished in Mail Size.

PRICE OF APPLES	Each	Per 10	Per 100
Standard Varieties:			
5 to 7 ft.	$0.75	$6.00	$45.00
4 to 5 ft.	.60	5.00	35.00
3 to 4 ft.	.50	4.00	25.00
Mail Size (x) 55 cts. each; 3 for $1.35.			
Dwarf Apples (See list):			
4 to 5 ft.	.90	7.50	60.00
3 to 4 ft.	.70	5.50	40.00

SUMMER APPLES

Bough. Large, pale yellow; tender, **sweet.** (x)
Early Harvest. Medium, pale yellow, tender, juicy.
Golden Sweet. Large, pale yellow, very **sweet.**
Liveland Raspberry. Fruit good sized, clear, waxen white, striped crimson; flesh snow white. Blooms late, is blight resistant, bears early, makes a good filler.
***Red Astrachan.** Large, beautiful deep crimson. (x)
***Yellow Transparent.** Earliest, and best of the early kinds; white, tender, juicy, sprightly, sub-acid. (x)

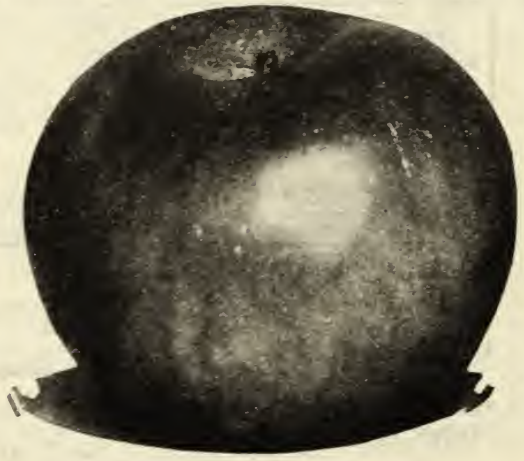
Duchesse of Oldenburg

AUTUMN APPLES

Autumn Strawberry. Tender, juicy, productive.
***Duchesse of Oldenburg.** Good size, yellow, streaked red, juicy, rich, sub-acid, productive. Bears young.
Fallawater. Large, yellowish green, productive.
Fall Pippin. Large, yellow, rich, aromatic.
Gravenstein. Large, striped, fine quality; one of the best. (x)
Maiden Blush. Large, beautiful blush cheek. (x)
Munson Sweet. Good size, yellow, red cheek.
Rambo. Medium, yellow, streaked red. (x)
Western Beauty. Large, shaded bright red on pale yellow; crisp, tender, mild, sub-acid.

WINTER APPLES

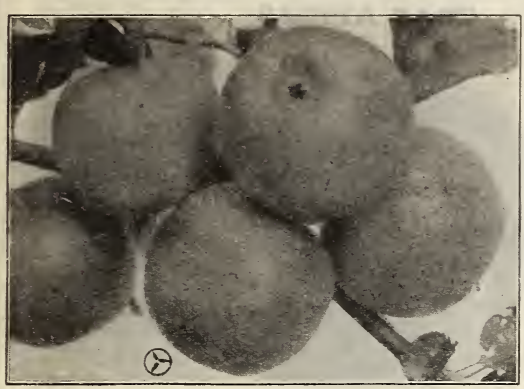
Baldwin. Large, bright red, crisp, juicy, rich. (x)
Banana. Fine, vigorous grower, large healthy foliage, early bearer. Fruit medium to large, smooth and handsome, golden yellow usually shaded bright crimson; flesh fine grained, rich sub-acid, aromatic, highest quality. (x)
***Baxter.** A strong, vigorous grower, immensely productive, very hardy. Fruit uniformly large, handsome, showy red, mild acid, fine quality.
Ben Davis. Large, handsome, striped.
***Boiken.** Annual bearer, perfect foliage, vigorous grower. Fair size, yellow, tart acid, long keeper; at its best in spring when it is unexcelled for cooking.
Cortland. A derivation from McIntosh; the tree hardy, thrifty, early producing and long lived. The fruits: abundant, large, round and handsome; attractive to the eye with their heavy overlay of shaded reds; and delightful to the taste with their brittle texture, luscious juiciness, and sprightly flavor. Better than McIntosh, because the fruits hang tenaciously to the tree and are two to four weeks later. (x)



Cortland

Ensee

Delicious. Fruit large, nearly covered with brilliant dark red, flesh fine grained, crisp and melting, juicy with a delightful aroma; of very highest quality. A splendid keeper and shipper. A regular annual bearer. (x)
Dominie. (Winter Rambo). Large, greenish yellow, striped red; flesh white, tender and juicy. (x)
Ensee. A delightful example of modern improvement, originated in Ohio's central apple district. A dull red apple suggesting its Rome Beauty strain in size and form; the crisp, tender, yellow flesh comparing with Jonathan and Grimes Golden for flavor; retaining its juiciness much longer than either. (x)
***Fameuse** (Snow). Medium, deep crimson, flesh white. (x)
***Gano.** An improved Ben Davis, nearly covered with red. (x)
Gideon. Medium, golden yellow, sub-acid; early and prolific.
Golden Russet. Medium, dull russet, crisp, juicy. (x)
***Grimes.** Good size, yellow, productive, of highest quality. (x)
Hubbardston. Large, red, striped, tender, juicy. (x)
Jonathan. Medium, red, extra quality. (x)
King (of Tompkins County). Large, striped, productive. (x)



Jonathan

WINTER APPLES—Continued.

King David. An improved Jonathan as to color and productiveness, not quite as good quality. Medium size, dark red, a splendid shipper and keeper. Tree hardy comes into bearing young.

***McIntosh.** Medium, deep crimson, highest quality, juicy, sub-acid. (x)

Northern Spy. Large, striped, mild sub-acid and tender, with a rich, delicious flavor. (x) See P. 144.

***Northwestern.** (Greening). Hardy, yellow; rich, of good size, extra long keeper.

***Ontario.** Large, yellow, nearly covered with bright red, juicy sub-acid.

Opalescent. Color light, shading to very dark crimson; skin smooth, susceptible of a very high polish; flesh yellowish, tender, juicy and good. Dec. to March.

Paradise Winter Sweet. Large; creamy, rosy cheeked.

Paragon (Mammoth Black Twig). Large, dark red, hardy and productive, vigorous grower. (x)

Rhode Island Greening. Large, greenish yellow, tender, juicy, rich acid. (x)

Rome Beauty. Large, yellow, shaded red; tender, juicy, sub-acid. (x)

McIntosh

Seek-no-Further. Fruit is medium sized, round, firm, keeping nearly as late as Baldwin. The flesh is creamy, pleasantly flavored; skin bronzy yellow, heavily oversplashed with dull red, russet dots conspicuous towards basin.

Spitzenburg. Medium to large, all-over bright red, faintly darker striped and dotted. Flesh tinged with yellow, sprightly sub-acid, juicy and aromatic.

Stark. Large, striped light and red, juicy, mild sub-acid. (x)

Stayman. Improved Winesap, larger and more prolific. (x)

Tolman (Sweet). Medium, yellow and red, rich.

Twenty Ounce. Very large, yellow, striped red.

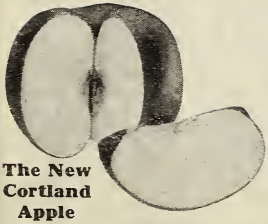
Wagener. Good size, deep red in the sun; flesh firm, sub-acid, excellent quality deserving more general appreciation and use. One of the earliest bearers. (x)

***Wealthy.** Few varieties that are at once so hardy and so productive yield fruit of such good quality—white fleshed, juicy and vinous; of medium size, smooth, round and deep red. October to January. (x) P. 144.

Winesap. Medium, deep red; firm, crisp, sub-acid.

York Imperial (Johnson's Fine Winter). Medium to large; yellow, shaded red; firm, juicy, sub-acid.

Diamond Jubilee Anniversary
SPECIAL OFFER



The New Cortland Apple

S & H Co.

"Family"
APPLE GROUP

A selection of choice varieties for family use—Summer, Fall and Winter.
Thrifty, 4 to 5 ft. size.

Yellow Transparent
Duchesse
Stayman's Winesap
Rhode Island Greening
Cortland

List Price $3.00

The 5 TREES By EXPRESS for..... $2.50

Wagener

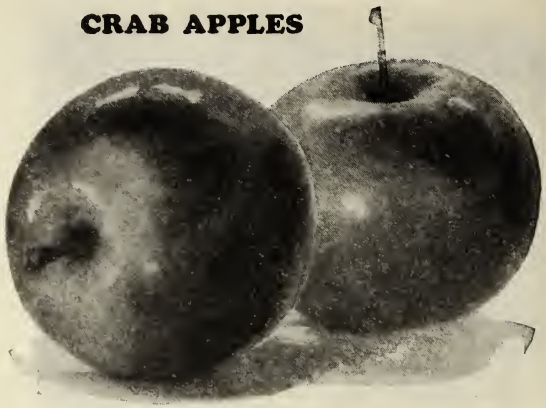
Don't miss our Diamond Jubilee Special offers, pages 90 and 91

Dwarf Apples—Illustrated

Wealthy—both Dwarf and Standard

Northern Spy—both Dwarf and Standard

CRAB APPLES



For preserving, jellies, table fruits, cider and ornament. The trees usually bear the second season after planting.

Florence. Originated in Minnesota, and popular for its hardiness. Early; a beautiful carmine color.

Hyslop. Large; deep crimson; one of the most beautiful of Crabs; very popular. Oct. to Jan.

Martha. Beautiful, glossy yellow, shaded bright red, good size, mild, clear, tart. Oct.

DWARF APPLES

Low growing and low branched; stocky and sturdy

Set trees 8 to 10 feet apart. Very productive, usually commence bearing the second year after planting. Adapted to yard and small gardens. Can furnish: Baldwin, Delicious, Duchesse, Maiden Blush, McIntosh, Northern Spy, Red Astrachan, Wealthy and Yellow Transparent—**only.** For descriptions and price, see pages 141-143.

Age of Bearing—Distance to Plant

As the age of bearing depends so much upon variety, soil, climatic conditions and care given, this can only be an approximate table under average conditions. To ascertain the number of trees or plants required for any given space, multiply the length of the space by the breadth to ascertain the number of square feet contained therein. Then multiply the distance apart you intend to set your rows by the distance between each tree or plant in the row to get the number of square feet each tree or plant will take. Divide the number of square feet in the given space by the number of square feet each tree will require and the result is the quantity of trees or plants required for that given space.

	Age of Bearing	Distance Apart	Number per Acre
Apples, Std.	3 to 6 years	35x35 ft.	35
Apricots	3 years	15x15 ft.	193
Blackberries	1 year	8x 6 ft.	907
Cherries—			
Sour	3 to 4 years	15x15 ft.	193
Sweet	3 to 4 years	20x20 ft.	108
Currants	2 years	4x 4 ft.	2722
Gooseberries	2 years	4x 4 ft.	2722
Grapes	2 years	8x 8 ft.	680
Peaches	2 years	15x15 ft.	193
Pears—			
Standard	3 to 4 years	20x20 ft.	108
Dwarf	2 years	10x10 ft.	435
Plums	3 to 4 years	20x20 ft.	108
Quinces	4 to 5 years	10x10 ft.	435
Raspberries	1 year	6x 4 ft.	1815
Rhubarb	1 year	4x 3 ft.	3630
Strawberries—			
Farm	1 year	4x 1 ft.	10890
Garden	1 year	2x 1 ft.	21780

Where space is limited, grow Dwarf Apples. They are good bearers

Delicious PEARS for Eating and Canning

PEARS will grow on almost any good soil but thrive best in a rather heavy clay or loam. Standards planted 18 to 20 feet apart are best for permanent orchards; dwarfs at 10 feet intervals, for fruit gardens or small lots. Dwarfs must be planted deep enough to cover the junction of pear and quince 2 or 3 inches. All can be supplied as **standards,** and all varieties starred (*) can also be supplied as **dwarf.**

PRICE OF PEARS	Each	Per 10	Per 100
Standard			
General List: 5 to 7 ft.	$1.00	$8.50	$65.00
" " 4 to 5 ft.	.80	6.50	45.00
Bosc: 5 to 7 ft.	1.25	10.00	75.00
" 4 to 5 ft.	1.00	7.50	50.00
Seckel, and Worden: 4 to 5 ft.	1.00	8.50	65.00
Kieffer, and Garber: 5 to 7 ft.	.80	6.50	50.00
" " " 4 to 5 ft.	.65	5.00	40.00
Dwarf Pears: 4 to 5 ft.	.85	7.50	55.00
" " 3 to 4 ft.	.70	5.00	35.00

Mail Size (**x**) Standard, 75 cts. each; 3 for $2.00.
Mail Size (**x**) Dwarf, 75 cts. each; 3 for $2.00.

SUMMER PEARS

***Bartlett.** Large, buttery, juicy, high-flavored, great bearer; very popular both for eating out of the hand and for canning. Aug. and Sept. (**x**)

***Clapp.** Very large, yellow and dull red, with russet specks. Melting, rich. August. (**x**)

***Tyson.** Medium, melting, juicy, good. Aug.

***Wilder.** Small to medium, yellow, shaded carmine, fine grained, tender, sub-acid. Vigorous grower. Early Aug.

AUTUMN PEARS

***Anjou.** Large, buttery, melting, rich vinous. Late fall and early winter variety. Oct. to Jan. (**x**)

***Duchesse** (of Angouleme). Very large, buttery, rich, juicy. The most popular market variety as a dwarf. It is best to pick them before maturity, wrap in tissue paper, and rack away for complete ripening. Oct. and Nov. (**x**)

Flemish. Large, juicy, rich; one of the hardiest trees and most enjoyable fruits. Sept.-Oct.

Garber. One of the Japan Hybrids; hardy, productive, early bearer. Sept. and Oct.

***Howell.** Large, yellow, with red cheek, rich, sweet, melting, early bearer, productive. Sept. and Oct.

***Kieffer.** Large size, handsome appearance and remarkable keeping and shipping qualities. Oct.-Nov.

***Louise** (Louise Bonne de Jersey). Good size, greenish yellow, with a bright red cheek.

Rossney. Large fruits; creamy skin with crimson blush; flesh melting, juicy, sweet; vigorous and productive.

***Seckel.** Small; skin yellowish brown with deep brownish red cheek; flesh very fine grained, sweet, one of the richest and highest flavored pears known. Equally popular for dessert and pickling. Tree a moderate grower. Sept. and Oct. (**x**)

Sheldon. Medium size; yellow with a richly shaded cheek; flesh a little coarse, melting, juicy, with a very brisk, vinous, perfumed flavor; of first quality. Oct.

***Vermont Beauty.** Hardy, vigorous, and abundant bearer. Fruit medium, yellow with red cheek. Oct.

***Worden.** A seedling of the Seckel, equal in quality while in flavor, size, color, form and appearance it is decidedly superior. Hardy and an enormous bearer. Oct.

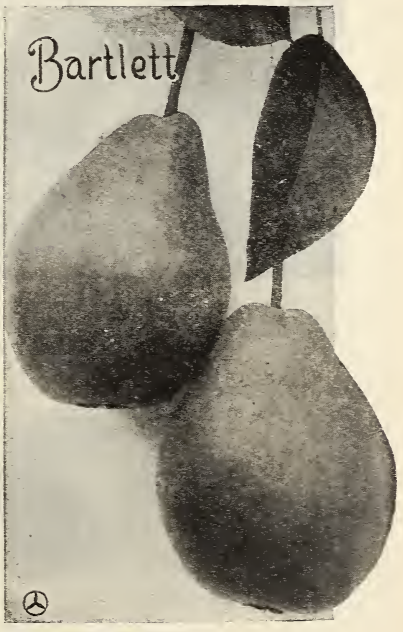
WINTER PEARS

Bosc. Finest quality late fall and winter variety. Extra large, long and tapering; russet; good shipper, brings highest market price. A vigorous grower. Nov.-Dec.

***Drouard.** Large, melting, juicy, delicate perfume. Tree hardy and vigorous. Feb. to March.

Easter. Large, yellow with red cheek; fine quality.

***Lawrence.** Medium, yellow with brown dots, melting, pleasant, aromatic. Nov.-Dec. (**x**)



Pear trees are sturdy trees, and our trees are sure to please

PLUM TREES *for Fruit and Ornament*

Monarch

ANNUAL sprayings with Bordeaux mixture keep away the leaf blight and fungus, and the thinning of too heavy crops of fruit prevents fruit rot. Plum trees are the best kind to set out in chicken yards; their full, rounded form furnishing abundant shade for the fowls; while the chickens obligingly eat up the brood of insects which threaten the health of the tree. Set trees 16 to 20 feet apart.

PRICE OF PLUMS	Each	Per 10	Per 100
European, and Japan,			
5 to 7 ft.	$0.75	$6.50	$45.00
4 to 5 ft.	.60	5.00	35.00
Native—Wild Goose:			
5 to 7 ft.	.75	6.50	.....
4 to 5 ft.	.60	5.00	.....
Mail Size (x) 60 cts. each; 3 for $1.50			

EUROPEAN PLUMS

Archduke. Large, black, prolific. Early Oct.
Bavay. (Green Gage) ("Reine Claude"). Very large, greenish color, fine flavor. Most popular "green gage." Sept. (x)
Bradshaw. Large, dark red, flesh green, juicy, productive, fine for market. Aug. (x)
Diamond. Enormous size, dark purple with a beautiful bloom. Tree very vigorous, productive and hardy. Sept.
German Prune. Large, dark purple, sweet, good. One of the most desirable and popular for canning. Sept. (x)
Grand Duke. Color of Bradshaw; fruit very large, of fine quality, free from rot; very productive. Last Sept.
Gueli. Large, bluish purple, flesh yellowish green, rather coarse, sweet, pleasant. Sept.
Imperial Gage. Large pale green, juicy, sweet, rich and excellent. Aug.
Italian Prune. Good size, purple, juicy, delicious, fine for drying. Sept.
Lombard. Medium, violet red, juicy, good, hardy and productive, the leading market variety. Aug. (x)
Monarch. Tree robust, an abundant bearer. Fruit very large, oval, dark purplish blue, perfect freestone. Oct. (x)
Moore's Arctic. Small, purplish-black, juicy, sweet; immense bearer; one of the hardiest in bud and bloom. Sept.
Peters Yellow Gage. Large oval, bright yellow; rich, juicy, fine quality. A good grower. Sept.
Pond. A magnificent plum, red changing to violet. Sept.
Shipper's Pride. Large, dark purple; very showy, often measuring 2 inches in diameter; fine, juicy and sweet. Sept.
Shropshire. Medium, dark purple, very productive. Oct. (x)
Yellow Egg. Very large, egg-shaped, productive. Aug. (x)

Shropshire Damson Plums

Children love to pick and eat fresh fruit. Plant some for their sake

JAPAN or ORIENTAL PLUMS

Japan Plums are strong, quick-growing and adapted to all kinds of soils; seldom affected by black knot; extra hardy and comparatively early and sure cropper.

Abundance (Botan). Hardy and productive. Fruit large, pinkish red, with heavy bloom; good quality. Aug.

Burbank. Ripens 10 days after Abundance. Tree hardy; sprawling, vigorous, productive, bears young. Fruit large, excellent quality; cherry red with lilac bloom. (x)

Maynard. Fruit is very large, nearly round, color deep dull red, thin whitish bloom. Flesh firm, melting and juicy, rich and sweet, extra fine quality.

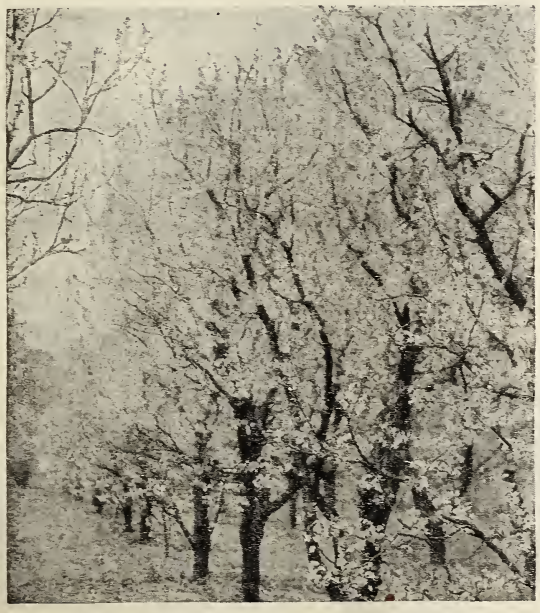
October Purple. A strong, vigorous grower, hardy, productive, of good quality; a large, round, late purple plum, especially recommended for late market.

Red June. One of the vigorous, upright growers; productive; fair size, vermilion red; pleasant quality. Aug.

Santa Rosa. Tree a strong, vigorous upright grower. Fruit uniformly large, averaging six inches in circumference each way; color deep purplish-crimson with blue bloom; flesh purple shaded scarlet; pit small; fragrant, delicious. Early Aug.

Satsuma (Blood). Large, globular, with sharp point. Color purple and red with blue bloom, flesh firm, juicy, dark red or blood color, fine quality; pit very small. Aug

Wickson. Sept. Fruit large, long heart-shaped, color deep maroon red covered with white bloom; flesh firm and meaty, yellow, rich and aromatic; cling; pit small.



A glorious sight in Springtime

The plum thicket or orchard is one of the most beautiful scenes in the spring landscape. Plums are often planted in thickets on hillsides or even in clumps in shrubbery for their ornamental effect, and of course, their delicious fruits are most acceptable as well. The double returns from an investment in plum trees is well worth considering.

Abundance

NATIVE PLUM

Wild Goose. A very hardy and reliable native variety. valued for its own desirability, as well as because in some rigorous climates, none but the native type will survive. It bears delightfully juicy and sweet fruit in July; medium size, red with blue bloom.

NECTARINES

The Nectarine has size and a smooth skin like the plum, and requires the same treatment for curculio. It is like the peach in other ways and requires the same culture. The melting, juicy, texture of the nectarine and its delicious flavor, furnishes one of the most delightful fruit eating episodes of the early Autumn.

PRICE OF NECTARINES	Each	Per 10
4 to 5 feet	$0.85	$7.50
3 to 4 feet	.75	6.50

Mail Size 60 cts.; 3 for $1.50.

Boston. Bright yellow, red cheek; flesh yellow.

Red Roman. Greenish yellow, red cheek; flesh golden.

HERE'S A LETTER WE APPRECIATE

January 8, 1928.

Dear Sirs:

I thank you very much for the new catalog, and it reminds me that I wanted to write you long ago. All I have to say is that you are the only one of all nurserymen who tells the truth. I guess I've bought about $500.00 worth of stock from you in the last six years, and I can say that I am more than satisfied with your goods. I'm a "greeny" on the farm and always listen to everybody that has a good thing, and mostly I get it in the neck. Hundreds of catalogs come to me and I always fell in. I spent more money with them than I did with you, and I got about 25% on my goods where I got 99% from you. So I am through with the rest and if I need anything I'll write you for it. Kindly advertise this if you want to. I stand back of it any time. My spring order you will get about next month.

Very respectfully,
Carl Eschinger, Mantua, Ohio.

EVERY ORDER SATISFACTORY

Gentlemen:

I received my trees yesterday and put them out; I want to thank you for the nice tree you gave me; it paid the express.

Wish I had a farm to send you a real order; I've sent you small orders for years, and my father used to buy of you, and we have yet to get the first order that was not perfectly satisfactory.

Mrs. N. F. Adams,
Marshall, Texas.

PEACHES

It Pays to Grow Peaches

THE Storrs & Harrison Co. have been the main source of supply during half a century, for hundreds of the finest Peach Orchards in the country. We would be pleased to quote prices on large lots on receipt of list. Set trees 16 to 18 feet apart.

The following list represents a selection of the very best varieties covering the whole season.

PRICE OF PEACHES	Each	Per 10	Per100
4 to 5 feet	$0.50	$3.50	$30.00
3 to 4 feet	.45	3.00	23.00
2 to 3 feet	.35	2.00	13.00

Mail size — All varieties listed — 40 cts. each; 5 for $1.75.

Admiral Dewey. Ripens with Triumph, better form, color; hardy, productive, earliest, and best early yellow freestone. July.

Alexander. Medium, greenish white, nearly covered with rich red; melting, juicy, sweet. July.

Banner. Fruit large, deep yellow with crimson cheek; flesh yellow, excellent quality, rich, firm; equal to any as a keeper and shipper. A profitable late market variety. Late Sept.

Barnard. Medium, yellow, juicy and rich. Hardy and productive. Early Sept.

Beers. A large, yellow flesh peach, an improvement on Smock Free, which it resembles. Ripens a few days later and is a better annual bearer. Last of Sept.

Belle (Belle of Georgia). Very large; skin white with red cheek; flesh white, firm and of excellent flavor. Tree a rapid grower, very prolific. Ripens with Crawford's Early.

Capt. Ede. A handsome, large yellow peach of excellent quality; hardy in bud and blossom. Early September.

Carman. Large, resembles Elberta in shape; color, creamy white or pale yellow with deep blush; skin very tough, flesh tender, fine flavor and quite juicy. August.

Champion. An extremely large, handsome early variety, creamy white with red cheek, sweet, rich and juicy. Aug.

Crosby. One of the hardiest; abundant, medium, bright yellow, fine quality. Middle September.

Carman Peach

Early Crawford. A magnificent large yellow peach of good quality. Early in Sept.

Early Elberta. Ripens about a week earlier than Elberta; otherwise the same, or a trifle better quality.

Elberta. Large, yellow, with red cheek; flesh yellow, firm, juicy, of high quality. Exceedingly prolific, sure bearer and hardy. The leading market variety.

Engle. Large, yellow; resembles Late Crawford but more productive. Sept.

Fitzgerald. Fruit large; brilliant color, bright yellow, suffused with red; flesh deep yellow, best quality. Sept.

Gold Drop. Medium size, hardy, very productive, good quality, early bearer. Last Sept.

Heath (Cling). Very large, flesh white, juicy and melting. Good keeper and shipper. Oct.

J. H. Hale Peach

Hill's Chili. Medium, dull yellow. Extra hardy and productive. Late Sept.

J. H. Hale. A choice variety, averages one-third to one-half larger than Elberta, ripens about five days earlier and is much superior in flavor. Color a beautiful golden yellow, with deep carmine blush. A good shipper.

Kalamazoo. A leading market sort. Large, yellow, fine quality. Extra productive and profitable. Early September.

Late Crawford. A superb, large yellow peach. Late Sept.

Lemon Free. Lemon-shaped and color, large size, immensely productive, excellent quality. Sept.

PEACHES—Contd.

Mayflower. Bright red cheeked. Carries to market in fine shape and sells well, as it is the only early peach that is well colored. A strong thrifty grower inclined to overbear. Should always be thinned. July.

Mountain Rose. Large, red, flesh white, juicy, excellent. Aug.

Niagara. A very large yellow peach, originated in Western New York, where it has been well tested and said to be their best orchard variety, surpassing both Elberta and Crawford in size, color, quality, and vigor; ripening between.

Prolific. Large, attractive, firm; flesh yellow, fine flavor, hardy and productive. Sept.

Rochester. The fruit is large, yellow, sweet, juicy and of delicious flavor; keeping and shipping well; skin prettily blushed. Tree is strong growing and hardy, an annual and prolific cropper, ripening about Aug. 10.

St. John. Nearly as large as Crawford, fully equal in color. Fruit round, showy; one of the earliest yellow peaches. Aug.

Salway. Large, creamy yellow, crimson red chelk, flesh deep yellow, juicy, rich, sweet. Oct.

Shippers' Late Red. A new peach with several distinctive claims. Of good round shape, bulkier than Elberta, so beautifully surfaced with red it attracts the eye. The flesh is yellow, sweet, juicy and of pleasing flavor; free stone. Bears young, annually and abundantly; the tree being very hardy. Its greatest commercial advantage—aside from supreme quality—lies in its ability to stick on the tree so much longer than most sorts, thus many times saving the entire crop where lack of time, continued rains or glutted markets create wastage.

Triumph. Ripens with Alexander, blooms late, sure and abundant bearer. Fruit good size yellow with red crimson cheek.

Williams. Large, handsome, hardy, very productive. Excellent shipper. A profitable clingstone. Middle Sept.

Elberta on the job

S & H Co.

"Select Six"

Popular Peaches

at a Bargain Price

Early—Medium—Late.
All you need for family use.

Strong 3 to 4-foot size.

Champion]
Rochester
Carman
Elberta
Yellow St. John
Banner

List Price $2.70

The 6 TREES by EXPRESS for $2.00

Wooster. Large, yellow free-stone with red cheek and generally attractive appearance. Quality first class, production liberal and dependable. Late September.

"EVERY ONE WAS TRUE TO NAME"

March 28, 1928.

Dear Sir:

We purchased 52 peach trees from you 8 years ago. Every one was true to name. A source of pleasure as well as profit.

Thank you.
George M. Thompson,
Apple Creek, Ohio.

Niagara

Rochester

CHERRIES

A Fruit That Makes Profits for Growers

A GOOD Cherry Orchard is one of the most profitable ventures a farmer can undertake. With but little care, the trees are very thrifty and prolific, bearing large crops annually.

The compact shapeliness of Cherry trees, their glossy foliage, and spring glory of clustered blossoms, gives them ornamental value even in the lawn.

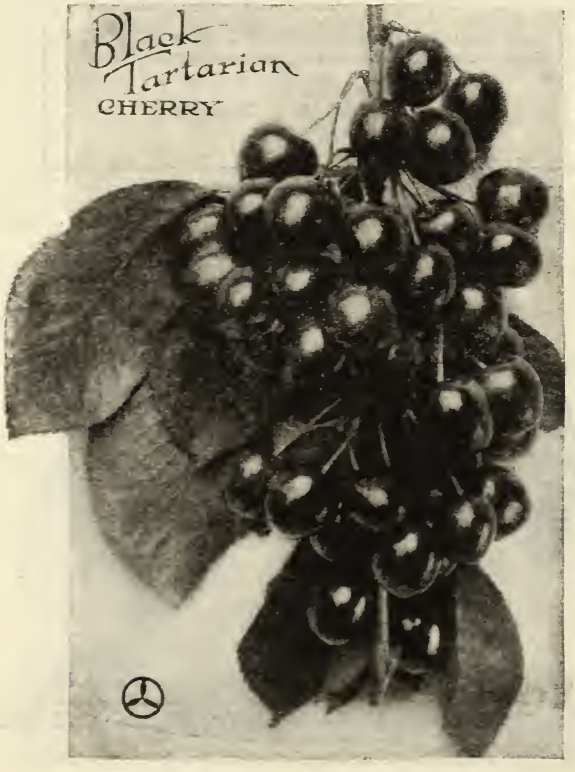
The trees are naturally hardy, succeeding best on sandy or gravelly loam, well drained. Avoid low or wet ground.

Large Montmorency Cherries

Sweet varieties grow more rapidly and make larger pyramidal trees. Set trees 18 to 20 feet apart. The **Sour** varieties are dwarf and bushy, bear earlier, and are more largely planted. Set trees 15 to 18 feet apart.

PRICE OF CHERRIES	Each	Per 10	Per 100
Sour, 4 to 5 feet	$0.90	$7.50	$55.00
" 3 to 4 feet	.75	6.00	40.00
Sweet, 5 to 7 feet	1.00	9.00	75.00
" 4 to 5 feet	.85	7.50	60.00

Mail Size, All varieties listed { **Sour**—75 cts.; 3 for $2.00. **Sweet**—85 cts.; 3 for $2.25.



SOUR CHERRIES

Baldwin. Large, round, slightly sub-acid; sweetest and richest of the Morello type. Early and productive. June.

Dyehouse. A very early and sure bearer; ripens a week before Early Richmond. Early June.

Early Richmond. Medium, dark red, melting, juicy, sprightly, rich acid, best. A dependable cropper. June.

English Morello. Fair size, blackish red, rich acid, juicy, good. Aug.

Hortense (Reine Hortense). Large, bright red, juicy, mildest and sweetest in this class. July.

Large Montmorency. Large, red, productive, ten days later than Early Richmond. Late June.

Late Duke. Large, light red. July.

May Duke. Large, red, juicy, rich; its acidity pleasantly tempered to the advantage of sensitive teeth. June.

Osthelmer. Large, heart-shaped, nearly black when ripe; juicy and rich, late blooming, productive. Aug.

Wragg. Very hardy, vigorous and productive, medium, dark purple, fine quality. Aug.

SWEET CHERRIES

Bing. Very large, dark brown—almost black; flesh firm, sweet, rich and delicious. One of the most profitable. July.

Black Tartarian. Very large, black, juicy, rich. June.

Gov. Wood. Large, light red, juicy, rich, delicious. Tree healthy and productive. June.

Lambert. Jet black when fully ripe. Flesh firm, solid, rich and juicy. Tree rugged, strong grower, hardy, enormous bearer. Late July.

Napoleon. Large, pale yellow with at least one red cheek; firm, juicy, sweet and productive. July.

Schmidt. Immense size, deep black, flesh dark, tender, very juicy, fine flavor; productive. July.

Windsor. Fruit large, liver-colored, distinct; flesh remarkably firm and of fine quality. Tree hardy and prolific. A valuable late variety. July.

Yellow Spanish. Large, yellow with red blush. June.

LIKES OUR LANDSCAPE BOOKLET

February 17, 1928.

Gentlemen:

Permit me to express my appreciation of your booklet on the landscaping of the home grounds. This is an exceptionally practical publication and we will use it here in reference when requests come in on this subject.

Very truly yours,
F. M. Trimble, Chief Nursery Inspector,
Dept. of Agriculture,
Harrisburg, Pennsylvania.

Send 10c for your copy of this helpful book.

What is more delicious than fresh cherry pie? Order your Cherry trees today

APRICOTS

Ripen between Cherries and Peaches. As hardy as the Peach, should be planted on a northern or western exposure to prevent early blooming; giving the same treatment for curculio as the plum. Set trees 16 to 18 feet apart.

PRICE OF APRICOTS	Each	Per 10
General List—4 to 5 feet	$0.80	$ 7.00
" " —3 to 4 feet	.65	5.00
Mail size—50 cts.; 3 for $1.25.		
Hungaria's Best—3 to 4 feet	$1.25	$10.00
Mail size—$1.25; 3 for $3.30.		

EUROPEAN VARIETIES

Early Golden. Small, pale orange, juicy and sweet.

Hungaria's Best. Original tree of this has not failed in bearing throughout a long term of years, thus insuring us of its hardiness. Valuable to us of the North, who appreciate growing our own Apricots. Tree grows to immense size, the fruit large and of good quality, beautifully colored a deep yellow, with yellow flesh, very fine flavor. Plant trees 25 to 30 feet apart.

Moorpark. Yellow, with red cheek, juicy, sweet and rich, freestone, very productive.

RUSSIAN VARIETIES

These are quite distinct from the European varieties, hardier and will produce fruit when other apricots fail. Recommended where peaches cannot be grown.

Alexander. Prolific early free-stone; orange with red blush.

Superb. Hardier; and surer crop. The best flavored, most productive hardy Russian apricot yet produced. Medium size, light salmon color.

MULBERRIES

PRICE OF MULBERRIES	Each
Russian—4 to 5 feet	$1.00
" —3 to 4 feet	.75
New American and Downing—	
4 to 5 feet	1.25
3 to 4 feet	1.00

Downing. Very large, black, handsome, sweet, rich, and of excellent quality.

New American. Equal to Downing in all respects, and a much hardier tree. Vigorous grower, very productive; the best variety for fruit; ripe from middle June to Sept.

Orange Quince

Superb Apricot

Russian. Very hardy, vigorous grower; valuable for feeding silk worms, etc. Fruit small, varies in color from white to black.

QUINCES *fine for Sauce*

The Quince crop is usually reliable, and in good market demand. The fruits are quite fragrant, and the trees and bloom highly ornamental. Set trees 10 to 12 feet apart.

PRICE OF QUINCES	Each	Per 10	Per 100
4 to 5 feet	$1.00	$8.50	$70.00
3 to 4 feet	.80	7.00	50.00
Mail size, all varieties—75 cts.; 3 for $2.00.			

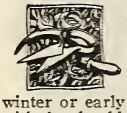
Champion. A prolific, very young and constant bearer, fruit averaging larger than the Orange, more oval in shape; quality equally fine, and a long keeper. Ripens late.

Meech. A vigorous grower and immensely productive. The fruit is large, lively orange yellow, of great beauty and delightful fragrance; its cooking qualities are unsurpassed.

Orange. Fruit large, bright yellow, of excellent flavor. Oct.

Rea. A seedling of the Orange, averaging much larger, of the same form and color; productive.

How to Prune Fruit Trees



For the home orchard, the trees should be gone over once each season and where limbs are crowding, they should be thinned out enough so that they do not rub or interfere one with the other. Best results are usually obtained when this is done in late winter or early spring. All cuts should be made smooth with the shoulder which extends slightly out from the body. Do not leave any stubs, but cut close up to the shoulder. Wounds of an inch or more across should be covered with White Lead paint or good pruning compound. Do not use barn paint or any coal-tar paint.

Do not trim lower limbs off to make high headed trees. Low, compact heads stand the windy conditions of the Central West, better than high-open-topped trees. Just use common sense in thinning out the limbs, cutting out the most undesirable, where two limbs are interfering one with another. Heavy later pruning can be avoided if care is taken the first two seasons after planting, to see that the heads are properly formed. It is important to get the right frame limbs for the tree right at the start. If this is properly done, less later pruning will be required.

Quinces are ornamental as well as useful and may be used, with discretion, on the lawn

Worden

Regal—Red

GRAPE VINES

Easy to Grow—Yearly Crops

EVEN under unfavorable conditions the grape vine will bear fruit, but good culture, pruning and spraying should be applied if the best quality of fruit is desired. Along almost any garden fence or walk there is room for vines enough to furnish luscious grapes from July to November. In such situations they may be planted about 8 feet apart. In vineyard rows, set the vines 6 to 10 feet apart, with 8 feet between rows.

PRICE OF GRAPE VINES		By Mail	By Express or Freight			
		Each	Each	10	100	1000
Agawam,	1 year	$0.30	$0.25	$1.50	$ 9.00	.....
"	2 years	.35	.30	2.00	12.00	.....
Brighton,	1 year	.35	.30	2.00	15.00	.....
"	2 years	.40	.35	2.50	20.00	.....
Caco,	1 year	.65	.60	5.00	37.50	.....
"	2 years	.75	.70	6.00	50.00	.....
Campbell,	1 year	.35	.30	2.00	13.00	.....
"	2 years	.40	.35	2.50	17.00	.....
Catawba,	1 year	.30	.25	1.50	9.00	$75.00
"	2 years	.35	.30	2.00	12.00	100.00
Concord,	1 year	.30	.25	1.00	7.00	45.00
"	2 years	.35	.30	1.50	10.00	70.00
Delaware,	1 year	.35	.30	2.00	15.00	.....
"	2 years	.40	.35	2.50	20.00	.....
Diamond,	1 year	.30	.25	1.50	10.00	.....
"	2 years	.35	.30	2.00	15.00	.....
Hubbard,	1 year	.35	.30	2.00	.....	.....
"	2 years	.50	.45	3.50	.....	.....
Ives,	1 year	.30	.25	1.50	10.00	.....
"	2 years	.35	.30	2.00	15.00	.....
King,	1 year	.50	.45	3.50	.....	.....
"	2 years	.60	.55	4.50	.....	.....
Lindley,	1 year	.30	.25	1.50	9.00	.....
"	2 years	.35	.30	2.00	12.00	.....
Lucile,	1 year	.35	.30	2.00	15.00	.....
"	2 years	.40	.35	2.50	20.00	.....
Moore's Early,	1 year	.30	.25	1.50	10.00	.....
" "	2 years	.35	.30	2.00	13.00	.....
Niagara,	1 year	.30	.25	1.00	7.50	55.00
"	2 years	.35	.30	1.50	10.00	85.00
Pocklington,	1 year	.40	.35	2.50	15.00	.....
"	2 years	.50	.45	3.50	20.00	.....
Regal,	1 year	.35	.30	2.00	16.00	.....
"	2 years	.40	.35	2.50	20.00	.....
Salem,	1 year	.30	.25	1.50	9.00	.....
"	2 years	35	.30	2.00	12.00	.....
Worden,	1 year	.30	.25	1.50	10.00	75.00
"	2 years	.35	.30	2.00	13.00	100.00
Wyoming,	1 year	.35	.30	2.00	14.00	.....
"	2 years	.40	.35	2.50	18.00	.....

BLACK GRAPES

Campbell. Bunch and berry large, glossy black, with blue bloom, sweet and juicy, seeds few and small, part readily from the pulp; very early.

Concord. The standard black, succeeds wherever grapes will grow.

Ives. Bunch medium to large, compact; often shouldered, berries medium.

King. Ripening between Worden and Concord, is as hardy, same color, grape much larger, cluster larger and more compact. The pulp is more tender, flavor more sprightly, seeds fewer.

Moore. Bunch large, berry large round with heavy bloom, vine exceedingly hardy; universally desirable for earliness.

Worden. A splendid Concord type; larger, better quality and earlier. Vine vigorous; hardy and productive.

Read about our Landscape Book, page 1. Send 10c for your copy

RED or AMBER GRAPES

Agawam. Berries very large, with thick skin; pulp soft, sweet and sprightly; very vigorous, ripens early.

Brighton. Bunch large, berries above medium; round; excellent flavor and quality; one of the earliest.

Caco. The vines are strong and vigorous, as yet untouched by disease of any kind. The fruit is very large in handsome complete bunches; in color a rich wine red over amber. Exceptionally early bearing, usually showing several good-sized bunches the second year. Its flavor is luscious, sweet, delightful, distinctive.

Catawba. Berries large, round; when fully ripe of a dark copper color, with sweet, rich musky flavor; late.

Delaware. Bunches and berries are small, but compactly set, light red, with violet bloom; sugary and delicious. A favorite dessert grape; one of the earliest to ripen.

Hubbard. A recent introduction favoring the well known little Delaware for size, color and character; but larger, darker red, almost seedless, with the distinctive flavor of Vinifera grapes. Ripens before Concord.

Lindley. (Rogers' No. 9). Berries medium to large; flesh tender, sweet and aromatic; ripens early.

Lucile. A beautiful bright color, berry and bunch of good size; extremely prolific; in season with or before Worden. The vine growth is prodigious, clean and immune. Fruit flavor is foxy and peculiar, but sweet even before fully ripe.

Regal. Hardy at 30° below. Growth sturdy, safely upholding heaviest crops. Clusters cylindrical, compact and alluring; berries very large, dark red, juicy, piquantly flavored; pulp tender, seeds easily freed; skin thin but tough.

Salem (Rogers' No. 53). A strong, vigorous vine; berries large, Catawba color; thin skin, free from hard pulp; sweet and sprightly; ripens first of September.

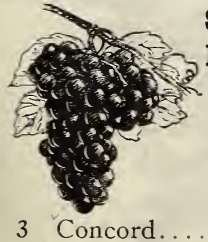
Wyoming. Vine very hardy, healthy and robust, with thick leathery foliage; color of berry brighter than Delaware, double in size, ripens before; flesh tender, juicy, sweet.

WHITE GRAPES

Diamond. The leading early white grape, ripening before Moore. White, with rich yellow tinge; juicy; few seeds, almost free from pulp, excellent quality; above medium size. Vine like Concord in growth, hardiness and foliage.

Niagara. Occupies the same position among the white varieties as Concord among the black; the leading profitable market sort. Bunch and berries large, yellowish white.

Pocklington. Bunch and berries large, when fully ripe a light golden yellow; juicy, tender, sweet, with little pulp.



S. & H. JUBILEE FAMILY GRAPE COLLECTION

2 Years—Cut Back for Planting

Value $3.60

3	Concord	black
2	Worden	black
3	Niagara	white
2	Brighton	red

The 10 by prepaid parcel post for **$2.40**

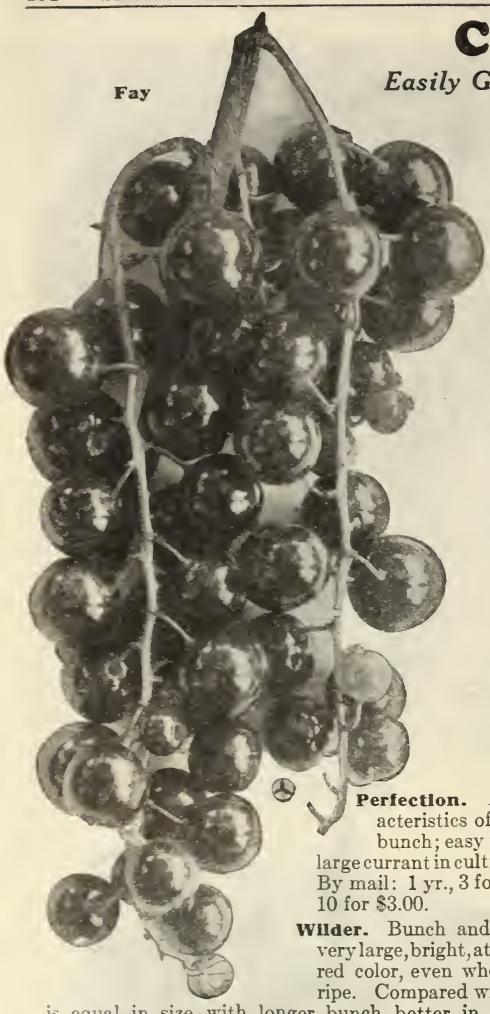
The New Caco Grape

Niagara Grapes

Grapes take up no more room than a fence. Every home needs them. Most every garden has room for them

CURRANTS

Easily Grown in the Home Garden



Fay

White Grape Currants

Hardy, easily cultivated, standing neglect well, and liberally responding to cultivation and generous treatment, indispensable for table use, jellies, etc.; and large quantities are required for market.

Set 4 feet apart in rich ground; cultivate well or mulch heavily; prune out old wood so that each remaining shoot will have room. If the currant worm appears, dust with hellebore.

RED

Cherry. Large berries on short clusters; a robust, fruitful sort. The vigorous, stocky bushes produce great quantities of bright red fruit with thin skins and remarkably fine flavor.

Fay. Of unprecedented popularity, and long the leading market variety over a wide section of country. Extra large stems and berries, uniform in size, easily picked, exceedingly productive.

London Market. Plant is extremely vigorous, with perfect foliage which it retains through the season; an enormous cropper. For any use—home garden or market—one of the best.

Perfection. A cross between Fay and White Grape, retaining the valuable characteristics of both parents. Beautiful, bright red, holding its large size to end of bunch; easy to pick; a superior bearer, less acid and of better quality than any other large currant in cultivation. By mail: 1 yr., 3 for $1.10; 10 for $3.00.

Wilder. Bunch and berries very large, bright, attractive red color, even when dead ripe. Compared with Fay, is equal in size, with longer bunch, better in quality, with much less acidity, continues on bush much longer.

WHITE

White Grape. Very large; yellowish white; very mild acid; excellent quality and valuable for the table.

White Imperial. Vigorous grower, very productive. The sweetest and richest white currant extant. Fruit larger and stems longer than White Grape.

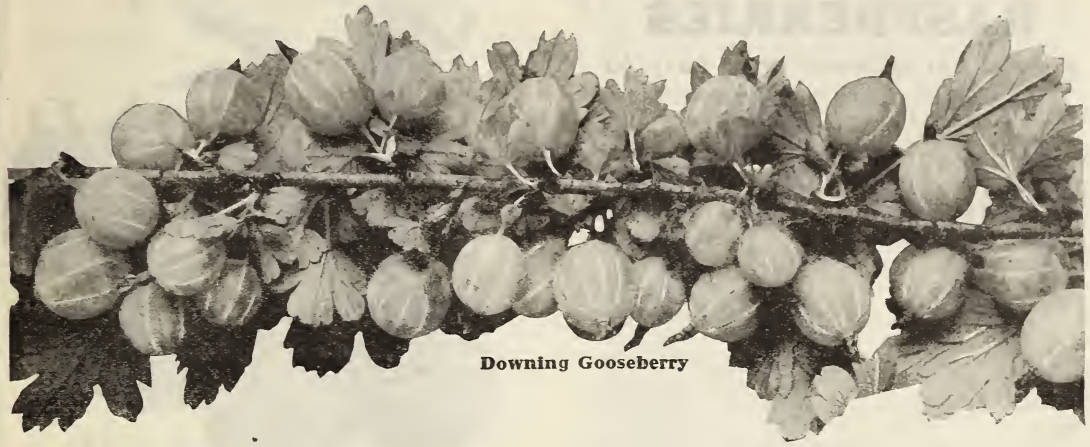
PRICE OF CURRANTS

Rate per 1000 quoted on application.	Three	Per 10	Per 100
Red—Cherry, 1 year	$0.50	$1.50	$10.00
" " 2 years	.70	1.75	12.00
" Fay, 1 year	.50	1.50	8.00
" " 2 years	.70	1.75	10.00
" London Market, 1 year	.50	1.50	10.00
" " " 2 years	.70	1.75	12.00
" Perfection, 1 year	.85	2.50	18.00
" " 2 years	1.00	3.00	25.00
" Wilder, 1 year	.50	1.50	10.00
" " 2 years	.70	1.75	12.00
White—White Grape, 1 year	.50	1.50	10.00
" " " 2 years	.70	1.75	12.00
" White Imperial, 1 year	.50	1.50	10.00
" " " 2 yrs.	.70	1.75	12.00

Unless noted, 1 year, by mail, 3 for 75 cts.; 10 for $2.00.

Perfection

Quick returns are the rule with Bush Fruits. Make a start this year



Downing Gooseberry

GOOSEBERRIES

Set 3 to 4 feet apart, in good rich soil, and give a liberal dressing of manure every season. Regular pruning every year is essential. To prevent mildew spray bushes soon as leaves appear and several times during the summer with potassium sulphide (liver of sulphur)—one ounce to four gallons of water.

PRICE OF GOOSEBERRIES	Three	Per 10	Per 100
Downing, 1 year	$0.50	$1.50	$10.00
" 2 years	.65	2.00	15.00
Houghton, 1 year	.50	1.50	10.00
" 2 years	.65	2.00	15.00
Josselyn, 1 year	.85	2.50	18.00
" 2 years	1.00	3.00	25.00

Downing. Large, handsome, pale green, of splendid quality for both cooking and table use; bush vigorous and usually free from mildew.
1-yr., by mail: 3 for 75 cts.; 10 for $2.00.

Houghton. Small to medium; roundish, oval, pale red, sweet, tender, very good; plants spreading; shoots slender, enormously productive.
1-yr., by mail: 3 for 75 cts.; 10 for $2.00.

Josselyn. Large sized, smooth, prolific and hardy, of best quality. The freest from mildew, both in leaf and fruit. A wonderful cropper, with bright, clean, healthy foliage; 1-yr., by mail: 3 for $1.00; 10 for $3.00.

BLACKBERRIES

Put the waste spaces to work by planting Blackberries

The supply of "wild" berries is becoming exhausted and is guarded by landowners as "property;" thus making it necessary for each to plant his own berry patch.

Should be planted in rows six to seven feet apart, three to five feet in the row. Keep the ground light and rich. Pinch the canes back when they have reached four feet in height.

PRICE OF BLACKBERRIES	By Mail 10	By Mail 100	By Express or Frt. 10	By Express or Frt. 100	By Express or Frt. 1000
Blowers	$0.95	$5.75	$0.70	$5.00	.....
Early Harvest	.95	5.75	.70	5.00	$35.00
Eldorado	.95	5.75	.70	5.00	40.00
Mersereau	.95	5.75	.70	5.00	35.00
Snyder	.95	5.75	.70	5.00	35.00
Lucretia Dewberry	.95	5.75	.70	5.00	35.00

Blowers. Claimed to be the hardiest and most productive, and to bring on the market the highest price of all blackberries. Has produced 2694 berries on one bush, 2720 quarts on 1-3 acre. Large size, jet black, good shipper, best quality; unexcelled productiveness.

Early Harvest. Not entirely hardy in the north and needs winter protection. Its earliness, combined with good shipping qualities, make it very profitable. Compact dwarf grower, enormous bearer. Fruit medium size.

Eldorado. The vines are very vigorous and hardy, enduring the winters of the far north-west without injury, and their yield is enormous. Berries large, jet black borne in large clusters, and ripen well together, they are very sweet, melting and pleasing to the taste; have no hard core, and keep eight or ten days after picking with quality unimpaired.

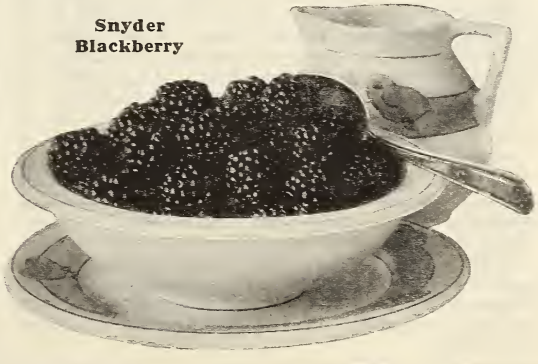
Mersereau. Remarkably strong grower, upright, producing stout, stocky canes. An enormous producer of extra size berries which are brilliant black and retain their color under all conditions; extra quality; sweet, rich, melting, without core.

Snyder. Enormously productive, medium sweet, no hard, sour core. The leading early variety for hardiness.

DEWBERRY

Lucretia Dewberry. Dwarf and spreading. The fruit, which ripens early, is often one and one-half inches long by one inch in diameter; soft, sweet and luscious throughout. It is a primitive, thrilling delight to turn up a leaf and discover the dead-ripe bottom fruits, hot from the sand. These are more apt to pop into the mouth, than into the basket.

Snyder Blackberry



RASPBERRIES

A good in-between crop easy to grow for home or market

WILL do well on any soil that will produce a good corn crop. Land should be thoroughly prepared and well enriched; ground bone is one of the best fertilizers. Keep well cultivated and free from weeds and suckers. As soon as they have done bearing cut out the old wood to give more vigor to the young canes. Plant in rows 5 feet apart, 3 feet apart in rows.

PRICE OF RASPBERRIES	By Mail		By Express or Frt.		
	10	100	10	100	1000
Black—					
Cumberland	$0.85	$4.25	$0.60	$3.50	$30.00
Plum Farmer	.85	4.25	.60	3.50	30.00
Red—					
Columbian	.90	5.50	.70	5.00	37.50
Cuthbert	.80	4.00	.60	3.50	30.00
Herbert	.90	5.50	.70	5.00	40.00
June	.90	5.50	.70	5.00	.....
King	.80	4.00	.60	3.50	30.00
Latham	1.00	7.00	.80	6.50	50.00
Marlboro	.80	4.00	.60	3.50	.....
Perfection	.90	5.50	.70	5.00	.....
Shaffer's Colossal	.90	5.50	.70	5.00	.....
St. Regis	.80	4.00	.60	3.50	30.00
Yellow—					
Golden Queen	1.00	7.00	.80	6.50	45.00

RED RASPBERRIES

Wonderful New Red Latham

The New Mosaic-Free Hardy Red Raspberry

This remarkable and very desirable new variety makes its commercial advent at an opportune time, when critical inspection and official control work hardship for any stock not perfectly free from Mosaic or other raspberry afflictions. This type is certified absolutely **mosaic-free,** and acceptable anywhere. Latham is perfectly **hardy,** withstanding Manitoba winters without protection. Its **production** is superlative, outyielding even Cuthbert. The berries are large and round, with profitable shipping firmness. The **color** is a richly brilliant red, an eye-catcher on market stands, a delightful table feature, and a perfect canned exhibit.

Cuthbert ("Queen of the Market"). A remarkably strong, hardy variety; standing the northern winter and southern summers equal to any. Very large, conical berries, measuring three inches around, so firm they can be shipped hundreds of miles by rail in good condition; flavor is sweet, rich and luscious. The leading market variety for main crop.

St. Regis

Columbian. Fruit resembles Shaffer, very large, purplish color, rather soft; rich, sprightly flavor, unrivalled for canning, etc. Bush vigorous and productive; immense cropper. A favorite for close market.

Herbert. In hardiness it easily takes first place, standing a lower temperature than any other kind. Fruit bright red, somewhat oblong, larger than Cuthbert, flavor very sweet and juicy. Season 5 to 6 days before Cuthbert.

June. The earliest and only kind to fruit in June. Bears heavily over a long period; has the bright red color of Loudon; is larger and rounder than Cuthbert; quality equal to any. Hardy, vigorous grower, adaptable to all kinds of soil. Has no thorns.

King. Plant is a strong grower. Berry is firm, a good shipper; large size; beautiful bright scarlet color; ripens with the earliest.

Perfection. The strongest grower, making canes 10 feet in height, which are perfectly smooth; tied to stakes it has stood twenty degrees below zero without injuring a bud. Berries bright crimson, mammoth size, in large clusters.

Marlboro. Large size, light crimson color; good quality and firm. Vigorous and productive. The best well tested, large, early berry for the North.

St. Regis (Ranere). Fruit commences to ripen with the earliest and continuing on young canes until October, many quarts often being picked after the first snow falls. Berries bright crimson, large size, rich, sugary with full raspberry flavor; flesh firm and meaty.

Shaffer's Colossal. An immense raspberry, both in cane and fruit, especially adapted to the south. Unrivaled for family use and one of the best for canning. Late.

Culture of Small Fruits

Bramble fruits like blackberries, raspberries, dewberries, etc., should have all old wood (older than the previous season's growth) cut out close to the ground each spring and the past season's growth should be trimmed back to 3 or 4 feet in height. All of the old canes should be removed and should be burned.

Mulching of currants and gooseberries will give good results. A strawberry bed should have a light coating of coarse hay, or straw, that is free from weed seed, after the ground has frozen two inches deep and in the spring just about the time growth starts, this covering should be raked between the rows and allowed to remain there until the fruit has been harvested. Then it should be removed and cultivation be resumed.

BLACK RASPBERRIES

Cumberland. A healthy, vigorous grower, throwing up stout, stocky, well branched canes that produce immense crops. Fruits very profitable; large, firm, good quality, keeps and ships well. Midseason.

Plum Farmer. Matures the entire crop in a very short period, making one of the most profitable early market sorts. The berries are large, thick-meated, firm; attractive, with a characteristic bloom.

YELLOW RASPBERRIES

Golden Queen. A beautiful, large golden yellow berry surpassing Cuthbert in size, beauty, quality and adaptability. This variety is not only one of the most delicious to the taste, but makes an enticing appearance when served fresh, either alone or in mixture with the other colors of berries. Canes hardy, of strongest growth, productive.

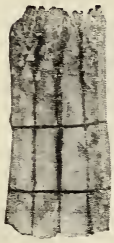
RHUBARB "*Pie Plant*"

PRICE OF RHUBARB	Three	Per 10	Per 100
Linnaeus	$0.50	$1.50	$8.00

By mail—3 for 75 cts.; 10 for $2.00.

Linnaeus. Large, early, tender and fine. The old reliable pie kind.

ASPARAGUS



Nothing that comes out of the home garden is so much appreciated, as the tender tips and fresh stalks of asparagus. A small bed of them kept weed-free, or a border along the garden edge, will supply the average table for six weeks or more in late spring.

In planting, make soil rich; dig trench; set 12 to 18 inches apart, roots spread out, crown 2 inches below surface; and tamp in returned soil firmly.

PRICE OF ASPARAGUS	50	Per 100	Per 1000
By Express—1 year	$1.00	$2.00	$12.00
" " —2 years	1.25	2.50	15.00
By Mail —1 year	1.35	2.50	.....

Palmetto. A very early variety of greenish tinge; even, regular size, of excellent quality.

Washington Pedigreed. A new rust-resistant Asparagus. As a standard variety for the production of fancy Asparagus for the home or market, it stands ahead of all others in size, vigor, tenderness, quality, and rust-resistance.

ASPARAGUS SEED. See Page 113

Sample. **(See page 158)**

STRAWBERRIES

A small bed in the home garden will yield a generous supply of this delicious fruit

If plants are set 1½ by 3 feet, it will require 9680 plants to an acre

Strawberries will succeed in any soil that is adapted to ordinary farm or garden crops. Soil should be thoroughly prepared to a good depth, well drained and enriched. Vegetable manure (muck, rotten turf, wood soil, ashes, etc.), is the best. For field culture set in rows 3 to 3½ feet apart, 15 to 18 inches in rows; for garden 15 inches apart each way, leaving pathway every third row. To produce fine, large fruit, keep in hills, pinching runners off as soon as they appear. Ground should always be kept clean and well cultivated. In winter a covering of leaves, straw or some kind of litter will protect the plants. Do not cover them until ground is frozen, or so deep as to smother the plants, and remove covering before growth starts in spring. Mulching will keep the fruit clean and the soil in good condition. **(E), (M) and (L) designate early, medium or late.**

Perfect Flower

Imperfect Flower

The blossoms of those varieties marked with **(P)** are destitute of stamens and are termed "pistillate," and unless a row of perfect flowering variety is planted at intervals not exceeding about a rod, they will produce imperfect fruit and but little of it; but when properly fertilized as a rule they are the most prolific. **Dip in water as soon as received,** and bury the roots in moist, shady ground until ready to set out; do not neglect.

EVERBEARING STRAWBERRIES

"Everbearing Strawberries" yield fruit continuously from May or June until frost. They are practical croppers, and coming out of ordinary season, bring very profitable prices for market. CAUTION: To obtain the largest size and finest quality of fruit in the fall, keep flowers picked off until about the first of July.

Mastodon. Since introduction of the Everbearing class, many varieties have been tried, improved and supplanted. According to many reports gathered from all berry-growing sections of the country, Mastodon is the last word and outranks all predecessors. It is of immense size, an almost incredible cropper, of choice quality, and the strongest grower yet developed. More productive than most June bearers, its fall pickings are sufficient from but a few plants, and very profitable.

PRICE OF STRAWBERRIES	25	Per 100	Per 1000
Everbearing—Mastodon...	$1.25	$3.50	$25.00
New York Association Trio—Beacon, Bliss, Boquet.	1.00	3.00	18.00
Standard Varieties—10 varieties.....	.75	1.25	10.00
If ordered by Mail postpaid, add 20 cts. for 25 plants; 35 cts. for 100.			

NEW YORK ASSOCIATION TRIO

These three new varieties are recommended by the New York State Fruit Testing Co-operative Association for quality and superlative production.

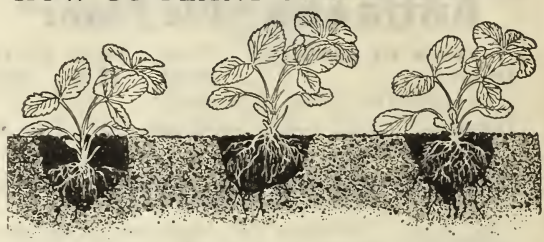
Beacon (E) Beacon is one of the best early strawberries. The crop ripens with that of Dunlap, long a standard early kind, and, packed for market, it is about the handsomest early strawberry grown on the Station grounds. The berries hold up well throughout their season in spite of drought or other adverse conditions. The quality is excellent. The plants are numerous, healthy, and productive, very large and vigorous, and are characterized by long pedicels which make picking easy. The flowers are perfect.

Bliss. (L) Bliss is recommended as a late midseason strawberry for home or market. The berries are large, handsome, bright red, glossy, uniform in size and shape, and colored evenly. The flesh is well colored to the center and is a pleasant commingling of sweetness, richness and sprightliness, which makes it among the best in flavor. The plants stand as high in essential characteristics as any of the commercial varieties of the same season, and in one respect surpasses most of its garden associates—the variety withstands drought well and there are few small berries when the soil is parched with dry, hot weather.

Boquet. (M) Boquet ripens about midway between Beacon and Bliss. These three new berries cover the strawberry season in New York. The berries of Boquet are characterized by their large size, blunt-conical shape, and by the compact clusters at the ends of the fruit-stems. The berries are uniformly colored a light red, and the flesh is well colored to the center. The berries are rich and sweet, refreshing. The fruits ship excellently and keep well in these respects, averaging far above the common run of commercial strawberries. The plants are vigorous, productive and healthy, withstand drought well, and produce an unusually large number of big and handsome berries.

Dr. Burrill

HOW TO PLANT STRAWBERRIES



TOO DEEP TOO SHALLOW JUST RIGHT

STANDARD VARIETIES

Brandywine. (L) Large, productive, excellent conical form; dark glossy-red to center.

Cooper. (M) A new berry of considerable promise for home use and local markets. Good size with pointed end, bright color, fine flavor, and a heavy production; the growth strong.

Dr. Burrill (M) A marvel of productiveness, quality, color, size and firmness. The fruit is very firm and of even shape, dark, glossy red with yellow seeds and green calyx; making a beautiful combination.

Dunlap. (E) Rampant runner, plants should be restricted. Fruit good size, regular form, beautiful bright red, glossy; firm, splendid keeper and shipper.

Gibson. (M) One of the best and most profitable sorts for both home and market. Strong growers with long roots, abundant foliage. Very productive. Berries extra large, choice flavored, dark glossy red.

Glen Mary. (M) Berries large to very large, often flattened, bright deep red on surface, light red to center; sweet, rich, good flavor. Productive.

Parsons Beauty. (M) Large, bright red, conical, firm berries, shipping well; productive and profitable.

Premier. (E) Productive; fruit highly colored, firm, a splendid shipper, of superb quality. Strong, clean, protecting foliage.

Wm. Belt. (M) A reliably productive berry for market or home use. Extra large, conical, uniform in shape, brilliant glossy red; large crops.

Sample. (P) (L) A standard sort for both home and market. Large dark colored berries in profusion, of uniform size.

NUT TREES—*Profitable and Ornamental*

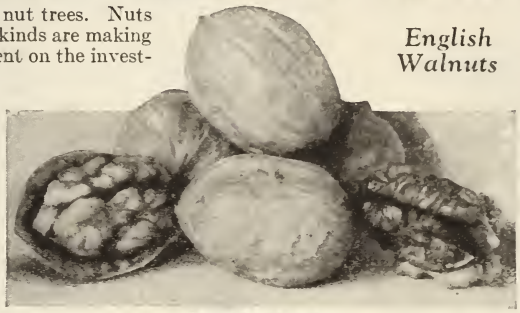
Almost every farm contains land that should be planted to nut trees. Nuts in many cases pay better than farm crops or fruits, while most kinds are making a growth of valuable timber that will of itself pay a large per cent on the investment.

PRICE OF NUTS	Each	Per 10
Butternut—3 to 4 feet	$0.75	$7.00
" —4 to 5 feet	1.00	9.00
" —5 to 6 feet	1.50	12.50
" —6 to 8 feet	2.00	.....
Filbert, American—2 to 3 feet	.80	7.00
" " —3 to 4 feet	1.00	9.00
" " —4 to 5 feet	1.25	.....
" English—2 to 3 feet	.80	7.00
" " —3 to 4 feet	1.00	9.00
" " —4 to 5 feet	1.25	11.00
" " —5 to 6 feet	1.75	15.00
Walnut, Black—3 to 4 feet	.85	7.50
" " —4 to 6 feet	1.25	10.00
" " —6 to 8 feet	2.00	.....
" English—1½ to 2 feet	1.00	9.00
" Japan (Max Cordiformis, and Sieboldi)—		
3 to 4 feet	.85	7.50
4 to 6 feet	1.25	10.00
6 to 8 feet	2.00	17.50

FILBERTS

American. The common Hazelnut. Will grow in almost any location, but prefers a rather moist soil, such as can be found along streams. Nuts are tender and of fine flavor.

English. Of easiest culture, growing 6 to 8 feet high, entirely hardy, and one of the most profitable and satisfactory nuts to grow, succeeding on almost all soils, bearing early and abundantly; nuts nearly round, rich and of excellent flavor, admired for the dessert.



English Walnuts

WALNUTS

Black. A native tree of large size and majestic form, beautiful foliage. The most valuable of all trees for its timber, which enters largely into the manufacture of fine furniture and cabinet ware, and brings the highest price in market.

Butternut (or White Walnut). Native tree, producing a large nut. Has a sweet, oily nutritious kernel.

English. Where hardy, it produces immense crops of thin-shelled delicious nuts, which are always in demand at good prices; fruit in green state is highly esteemed for pickling. Will not grow in the North.

Japan, Max-Cordiformis. Differs from Sieboldi in form of nuts, which are broad-pointed, flattened, resembling Hickory.

Japan, Sieboldi. Perfectly hardy, rapid grower, handsome form, immense leaves; bears young and abundantly. Nuts produced in clusters; resembles Butternut in shape and quality; smaller; smooth and thinner shell.

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